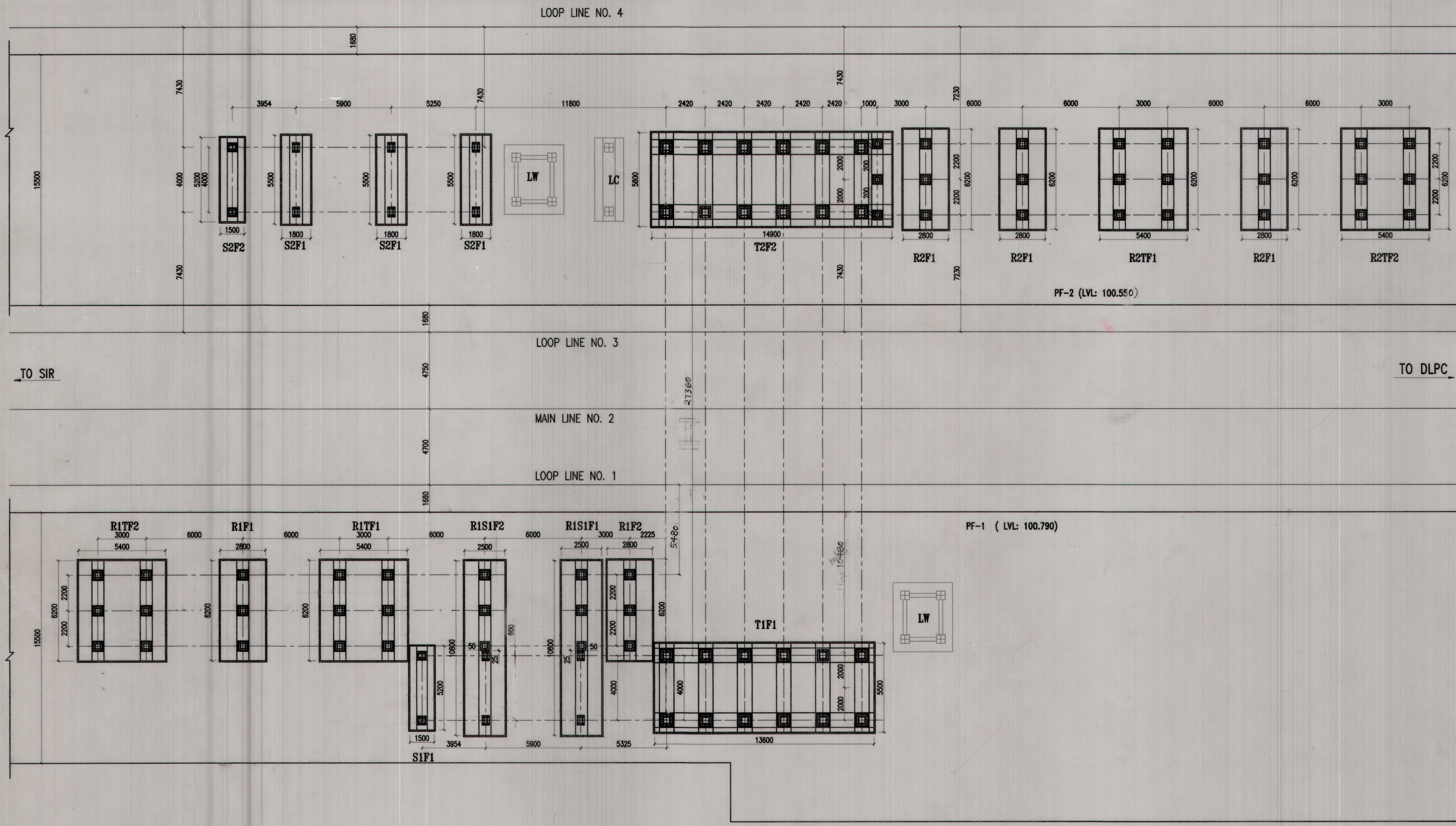




NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE, FOLLOW WRITTEN DIMENSION ONLY.
3. FOUNDATION PLAN IS BASED ON APPROVED GAD & NRHQE PLAN NO. FB-99/UMB.
4. FEASIBILITY OF THE FOUNDATIONS TO BE VARY BY THE ENGINEER IN CHARGE BEFORE EXCAVATION OF FOUNDATIONS.
5. ALL R.C.C. WORK IS TO BE DONE IN ACCORDANCE WITH LATEST NORTHERN RAILWAY SPECIFICATIONS & IRS CONC. BRIDGE CODE CORRECTED UP TO DATE.
6. PARTICULAR CARE MUST BE TAKEN TO ENSURE THAT:
(a) NO SAG OCCURS IN REINFORCEMENT DURING EXECUTION OF WORK.
(b) MINIMUM 50 mm CLEAR COVER TO REINFORCEMENT TO BE MAINTAINED IN FOUNDATION & PEDESTAL.
(c) LAP LENGTH WHERE BARS OBTAINED ARE OF SHORTER LENGTH MUST NOT BE LESS 42 TIMES DIA OF BAR.
7. ALL CEMENT CONC. IS TO BE MECHANICALLY MIXED AND VIBRATED.
8. ALL BINDERS/STIRRUPS/LINKS SHALL BE EFFECTIVELY TIED WITH MAIN REINFORCEMENT BARS.
9. VIBRATED CONTROLLED CONCRETE OF MINIMUM COMPRESSIVE STRENGTH OF 250 KG/CM² (M-25) TO BE USED FOR ALL FOUNDATIONS. EXCEPT PEDESTALS. FOR PEDESTALS CONC. GRADE SHALL BE (M-30).
10. NET BEARING CAPACITY OF SOIL IS 14.43 T/M² AS PER SOIL REPORT IT SHOULD BE RE CONFIRM AT THE TIME OF EXECUTION.
11. HSD/TMT BARS OF GRADE Fe-500 CONFORMING TO IS:1786-2000 SHALL BE USED.
12. ENGINEER INCHARGE SHOULD ENSURE THE LOCATIONS/DIA/LENGTH OF HOLDING DOWN BOLTS DURING CONCRETING OF FOUNDATIONS. HOLDING DOWN BOLTS SHOULD BE PLACED PROPERLY AT DESIRED LOCATIONS AND MATCH WITH THE BASE PLATE OF COLUMNS.
13. DEPTH OF FOUNDATION BELOW GROUND LEVEL SHOWN IN DRAWING FOR DIFFERENT FOUNDATIONS IS THE MINIMUM GRIP LENGTH OF FOOTING IN THE GROUND. IF ANY LOCATION THE GROUND IS FOUND LOWER THAN THE GROUND LEVEL SHOWN IN THE DRAWING, THEN BOTTOM OF FOUNDATION SHOULD BE ACCORDINGLY LOWERED TO HAVE MINIMUM GRIP LENGTH.
14. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT SHEETS.

FOR	SEE
GENERAL ARRANGEMENT	NRHQE PLAN NO. FB-99/UMB
FOUNDATION LAYOUT PLAN	SHEET No-2
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A,3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B
DETAIL OF RAMP/STAIR FOUNDATIONS	SHEET No-6
FOUNDATION OF LIFT COLUMN (LC)	BASED ON PLAN NO. NRHQE(P)-266-FB/2016 SHEET NO. 1
FOUNDATION OF LIFT WELL (LW)	BASED ON PLAN NO. NRHQE(P)-266-FB/2016 SHEET NO. 2

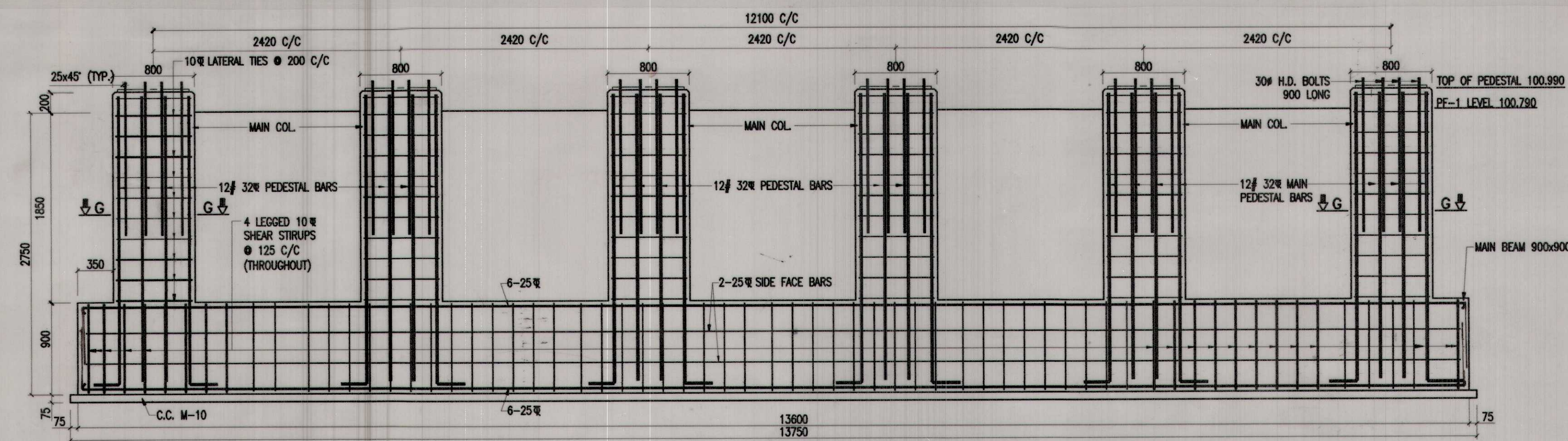
S.NO.	REVISION	DATE	APPROVED

AGENCY	PANKAJ JINDAL CONTRACTOR Virend Jindal AUTH. SIGNATORY	SR. DEN-N/UMB 19/11/24	CDCE (G.B.S. TOMAR) DY.CE/BD (S.R. GARG)
DESIGN & DRAWING	V.D. SHARMA EITC	SSE/DRG/UMB 21/12/2023	SSE/DESIGN 21/12/2023
DIVISIONAL OFFICERS		HQ. OFFICERS	

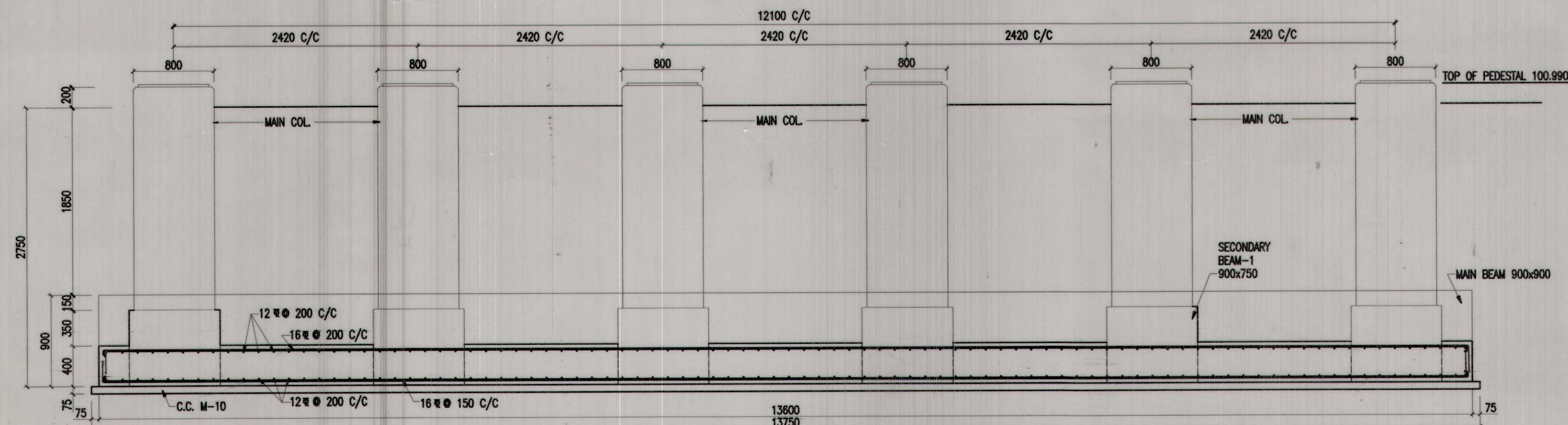
AMBALA DIVISION
PROPOSED 12.0 M WIDE FOOT OVER BRIDGE
AT NANGAL DAM RAILWAY STATION
UNDER AMRTI BHARAT STATION SCHEME
ON SIR-DLPC SECTION

FOUNDATION LAYOUT PLAN

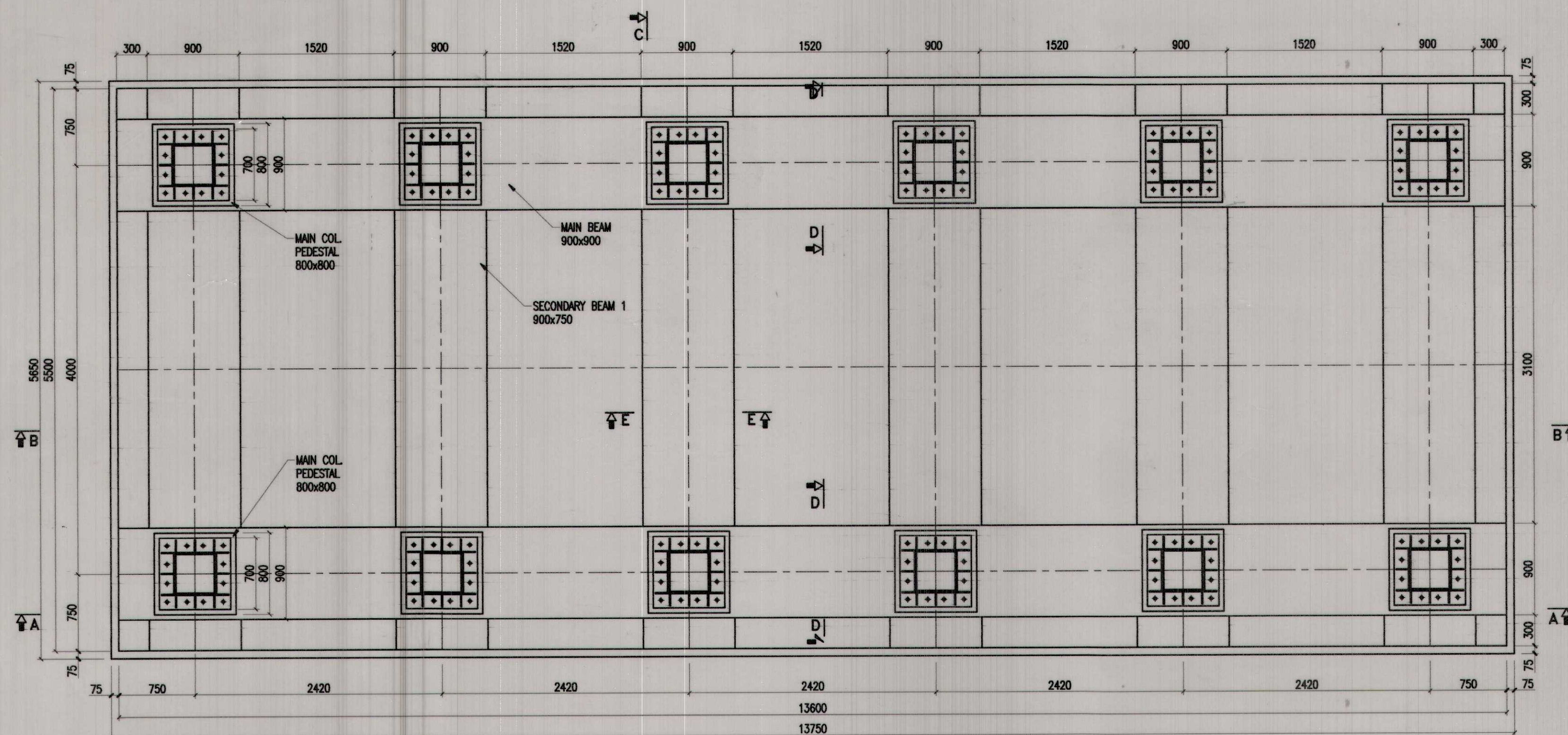
DIVL. PLAN NO: FB-178/HLDM-2023/UMB/ FOUND. PLANS
NRHQE PLAN No. **FB-99/UMB**
SCALE:-1:35 (SHEET No-2)



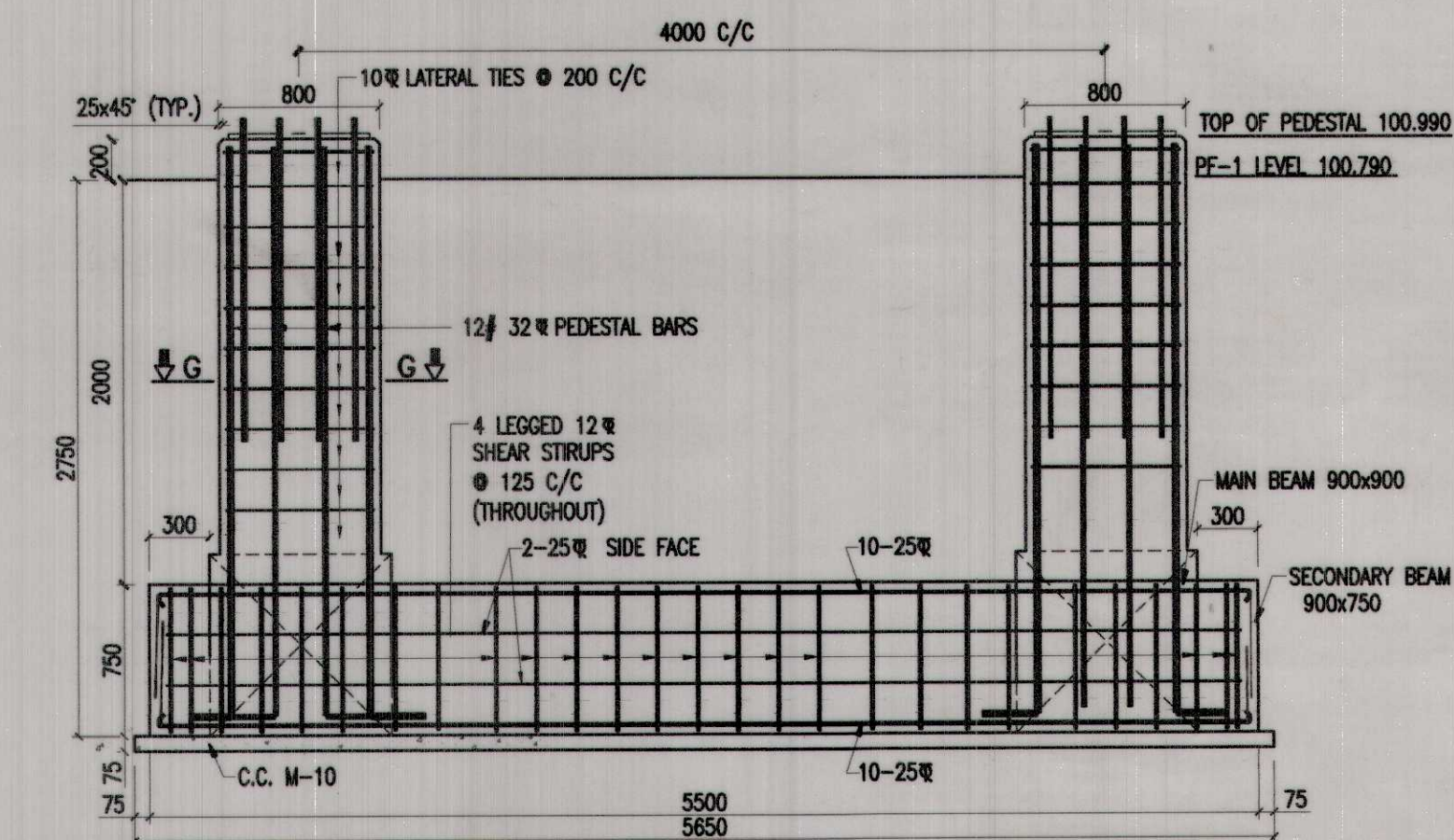
SECTION A-A
(SLAB REINFORCEMENT NOT SHOWN FOR CLARITY)



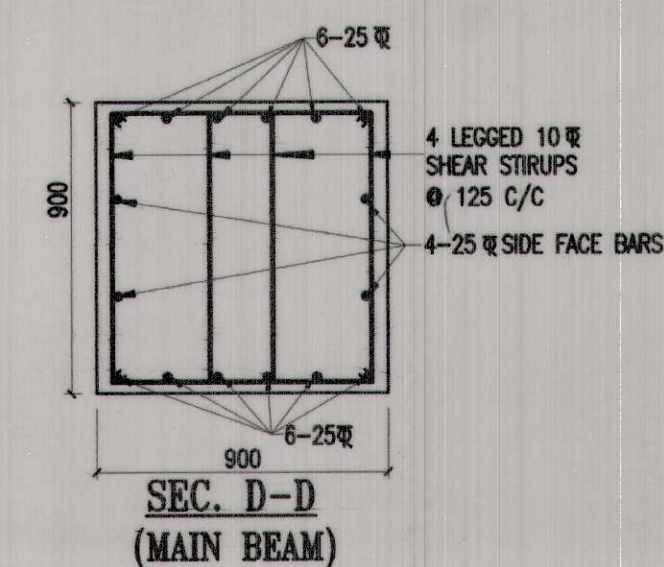
SECTION B-B
(BEAM REINFORCEMENT NOT SHOWN FOR CLARITY)



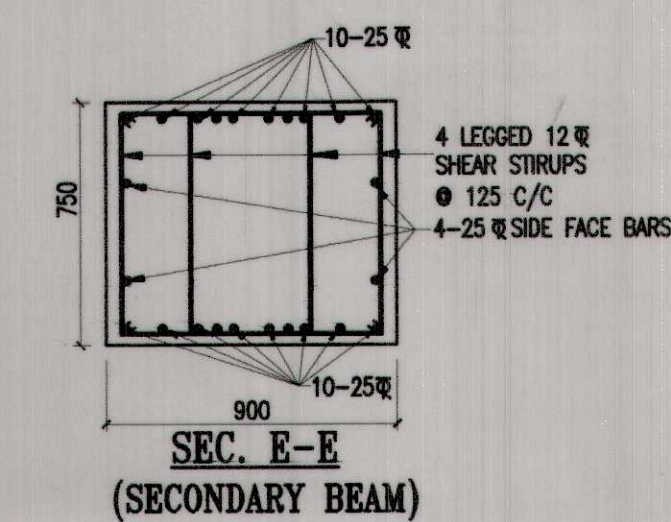
DETAIL OF FOUNDATION PLAN T1F1



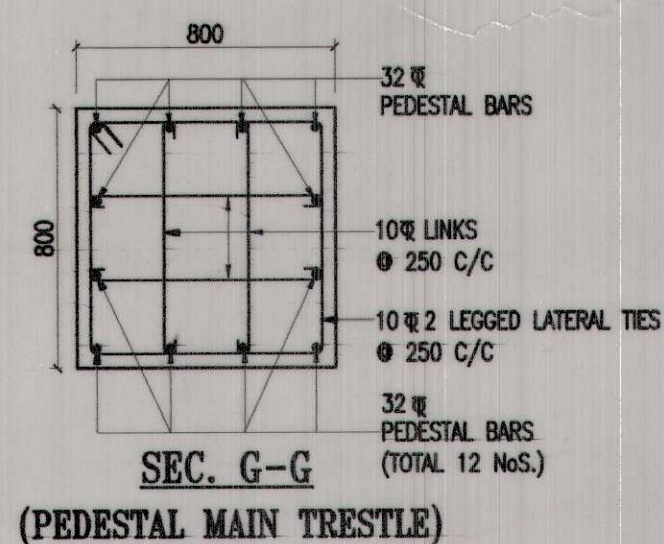
SECTION C-C
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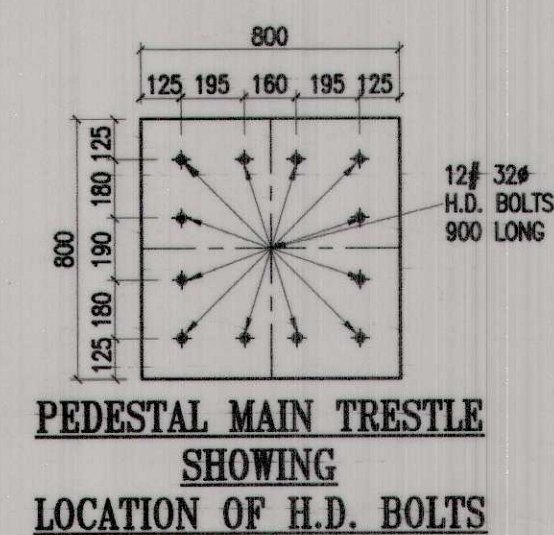
SEC. D-D
(MAIN BEAM)



SEC. E-E
(SECONDARY BEAM)



SEC. G-G
(PEDESTAL MAIN TRESTLE)



PEDESTAL MAIN TRESTLE
SHOWING
LOCATION OF H.D. BOLTS

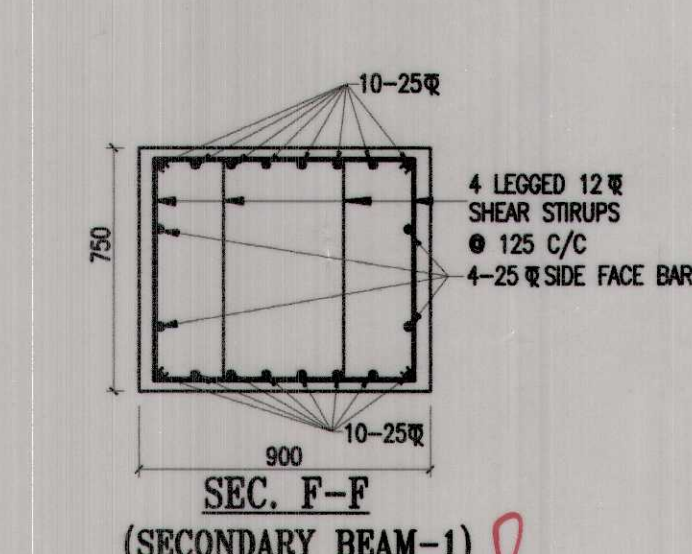
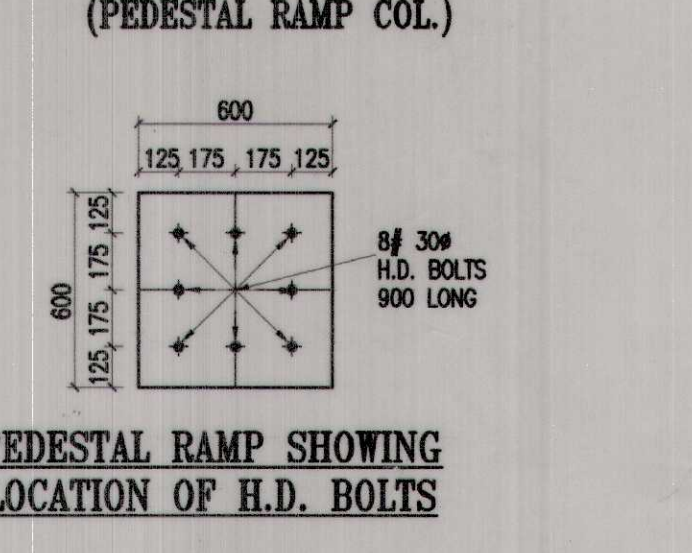
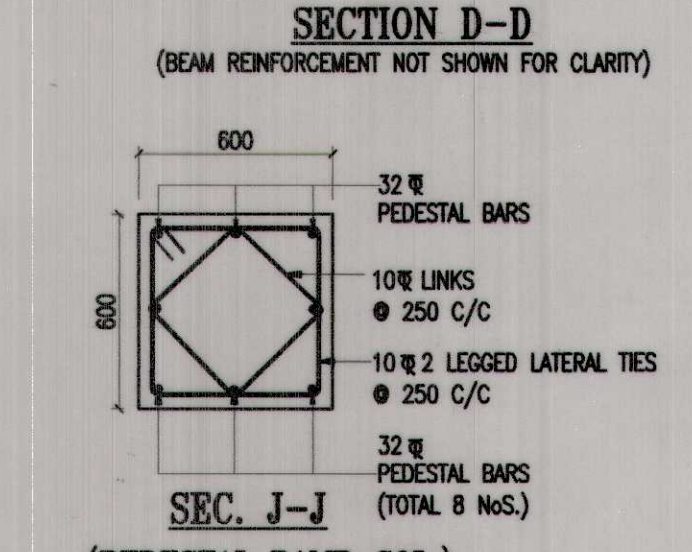
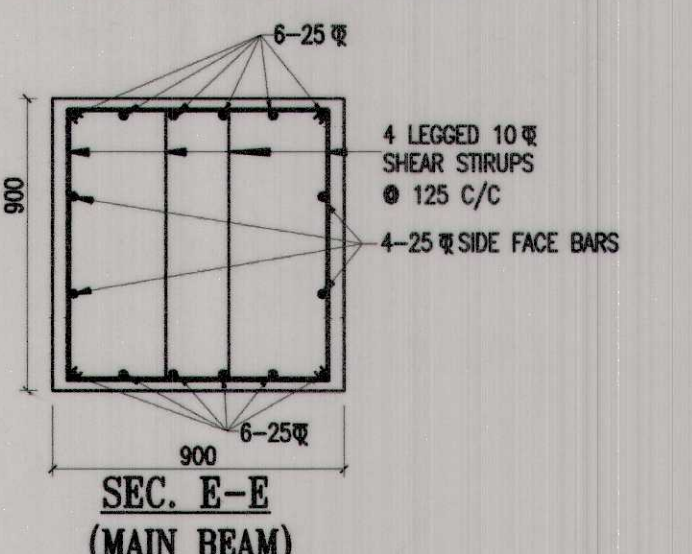
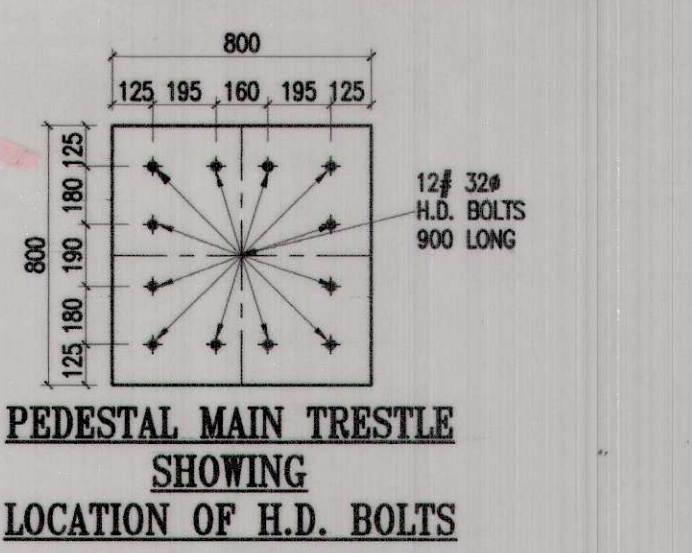
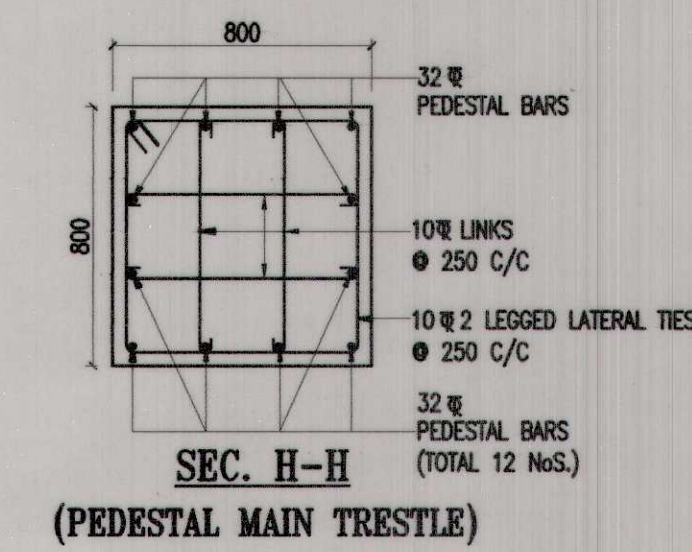
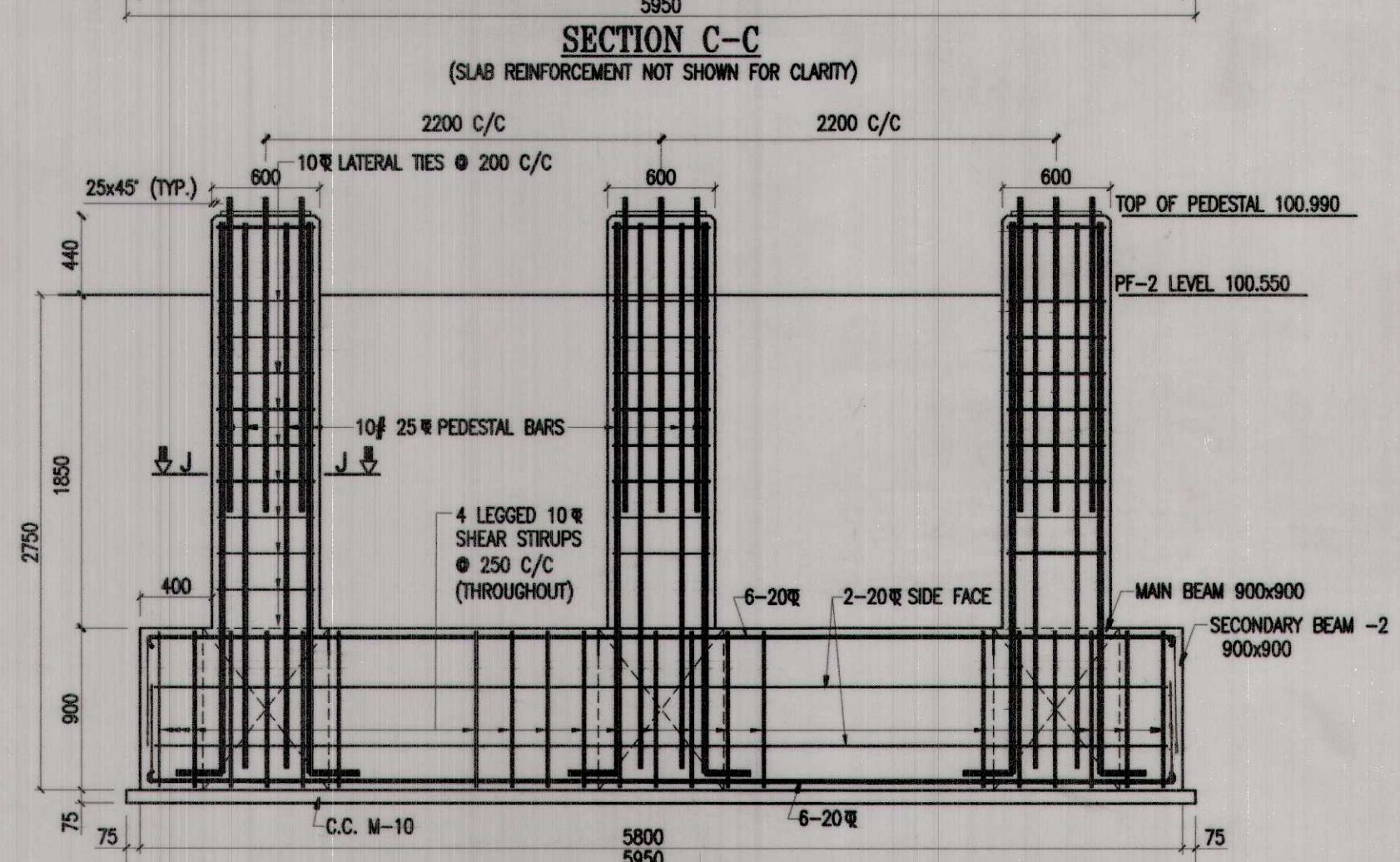
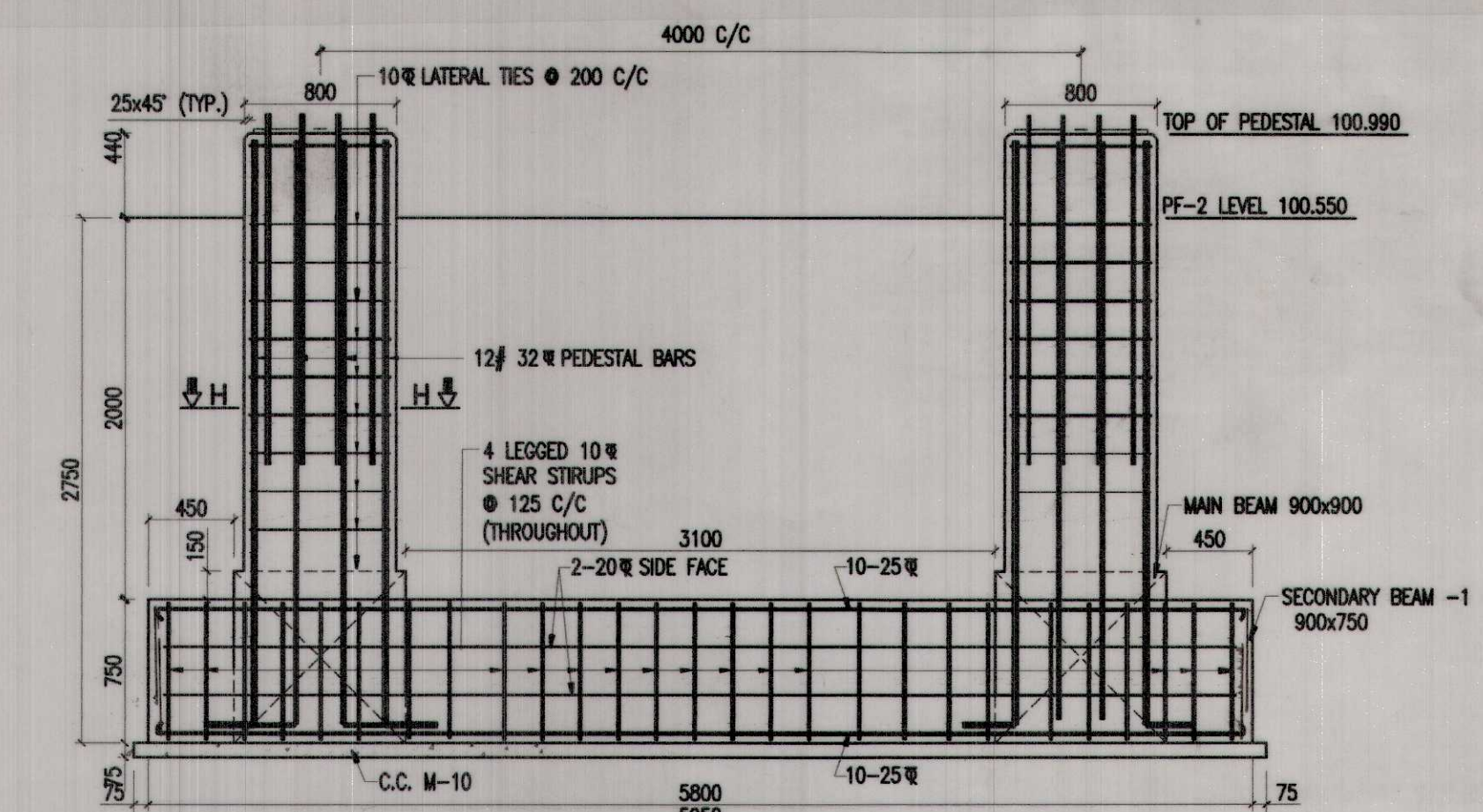
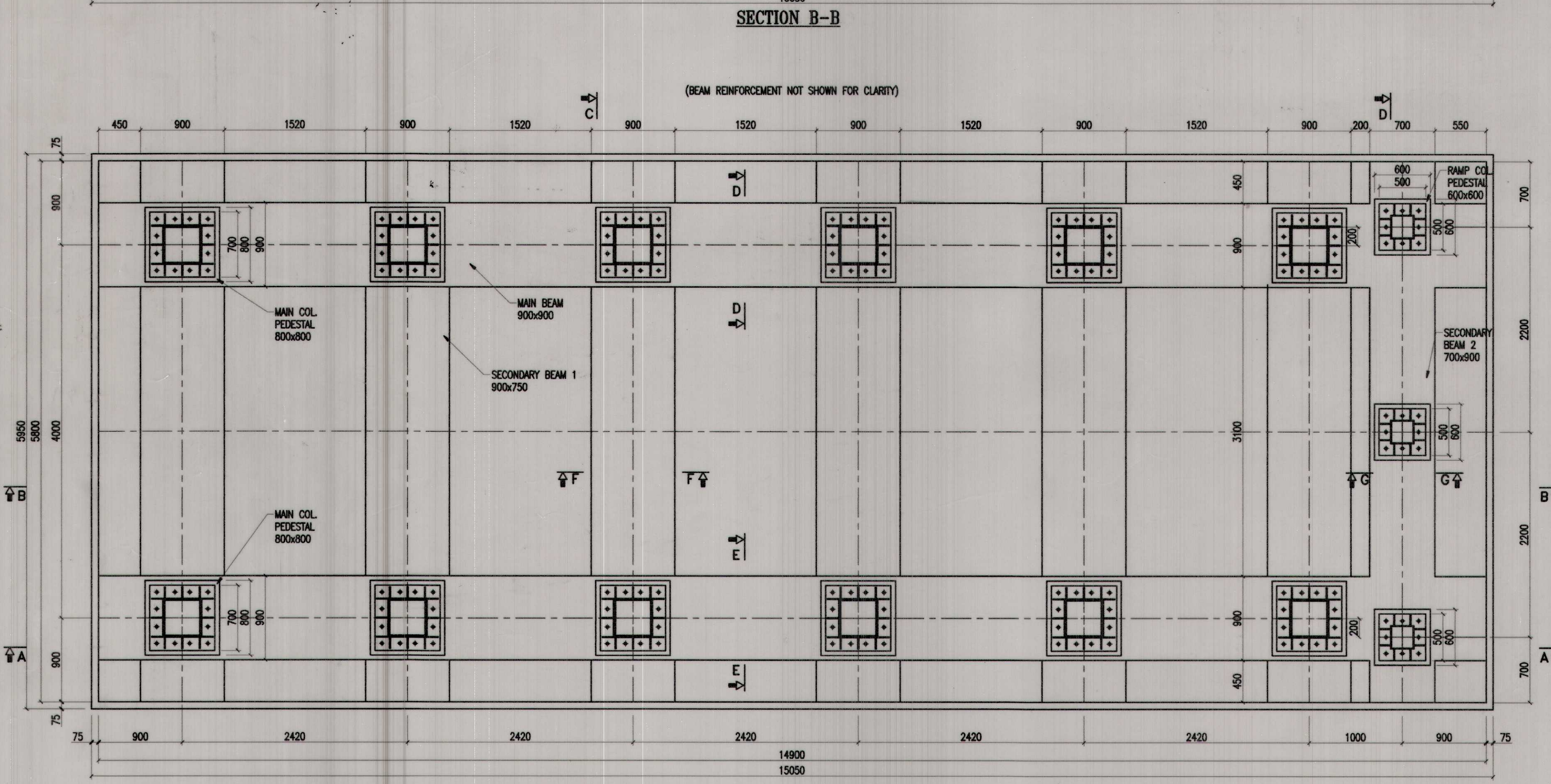
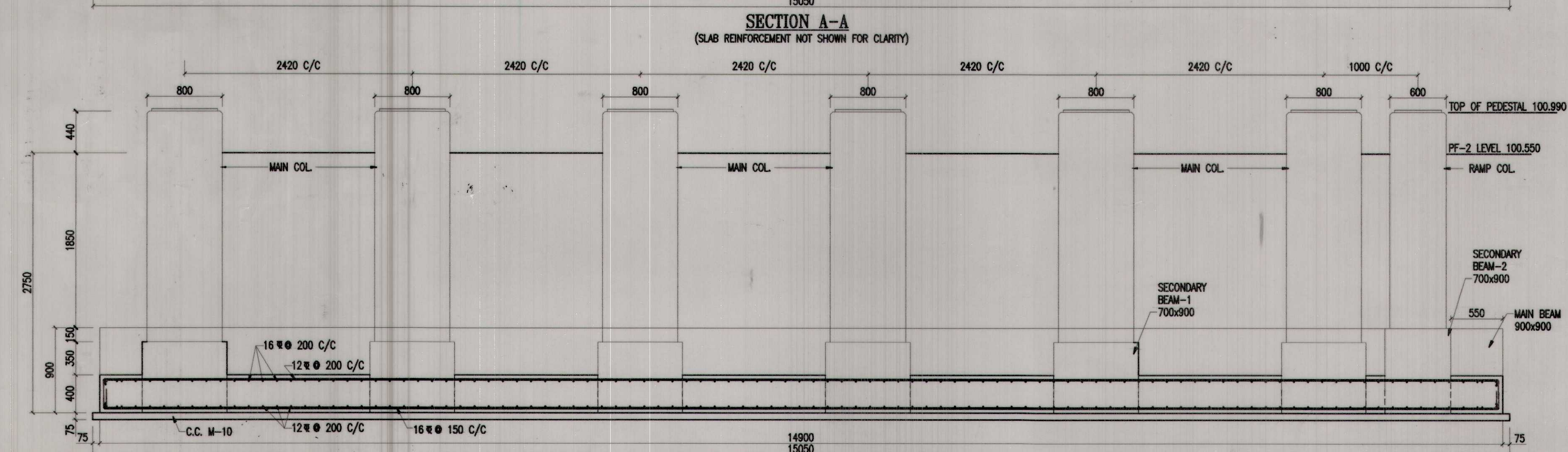
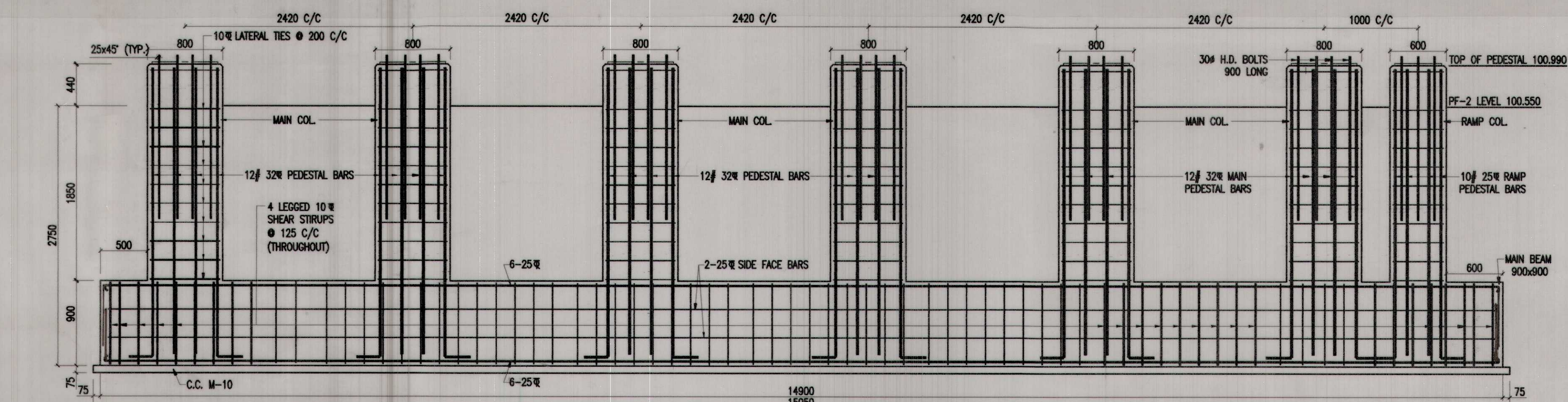
NOTES:-

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2. DO NOT SCALE, FOLLOW WRITTEN DIMENSION ONLY.
3. FOR OTHER NOTES REFER SHEET NO. 2.
4. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT SHEETS.

FOR	SEE
GENERAL ARRANGEMENT	NRHQ PLAN NO. FB-99/UMB
FOUNDATION LAYOUT PLAN	SHEET No-2
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A,3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B
DETAIL OF RAMP/STAIR FOUNDATIONS	SHEET No-6

AGENCY	PANKAJ JINDAL CONTRACTOR Vimal Jindal AUTH. SIGNATORY	SR. DEH-4/UMB	AXEN/BO	SSS/DESIGN	SSS/DRG.
DESIGN & DRAWING	SSS/DRG/UMB	SSS/DRG.	SSS/DRG.	SSS/DRG.	SSS/DRG.
DIVISIONAL OFFICERS	HQ. OFFICERS	SCALE-1:35	(SHEET No-3A)		

S.NO.	REVISION	DATE	APPROVED



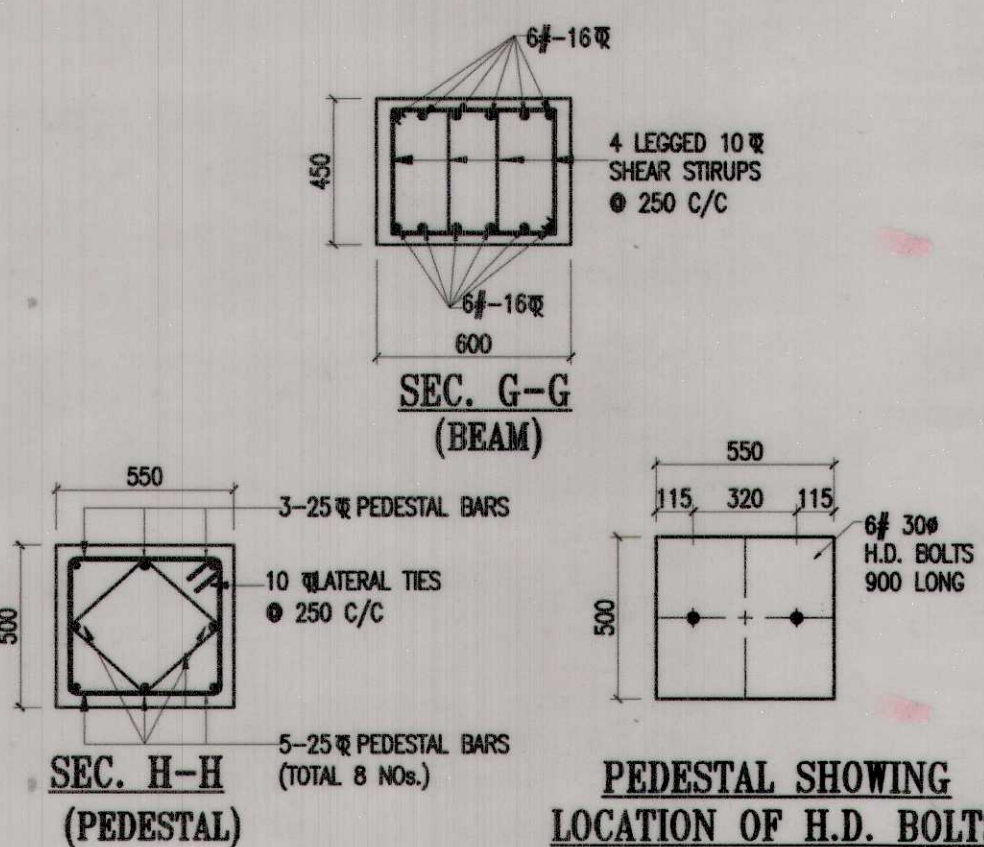
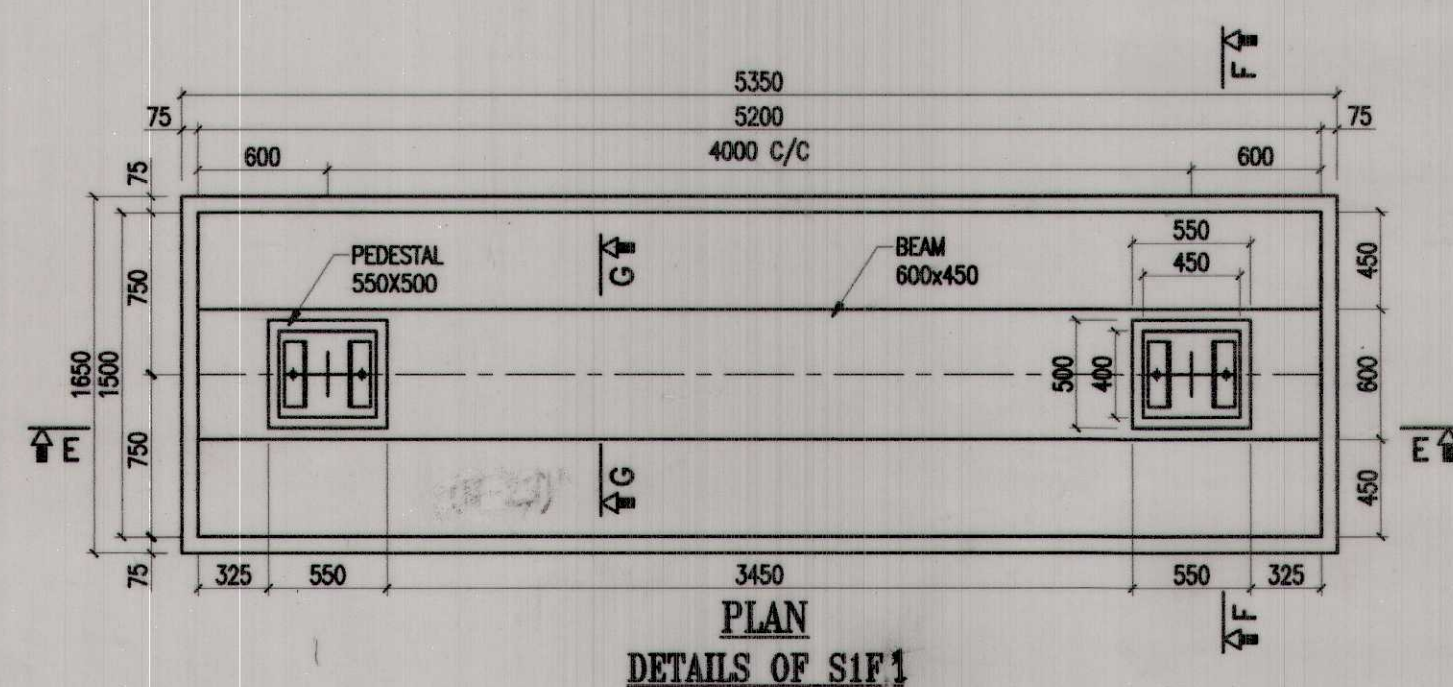
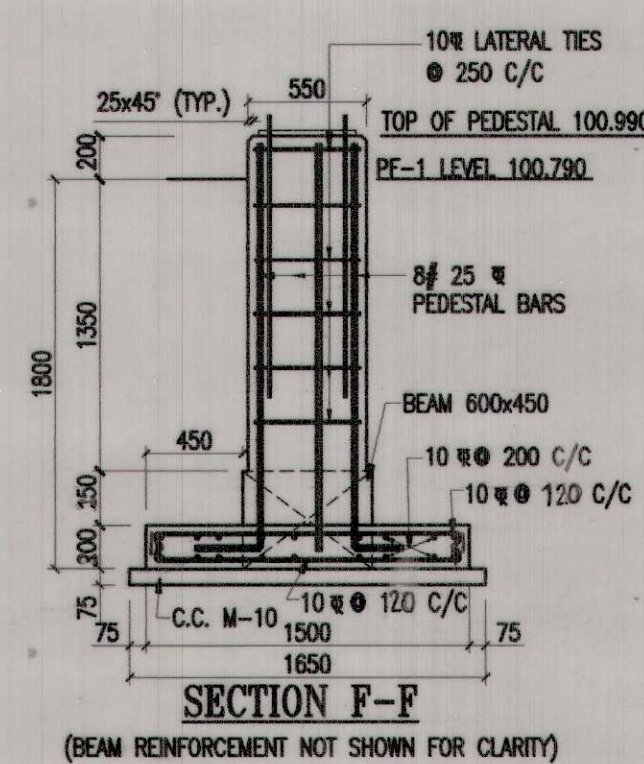
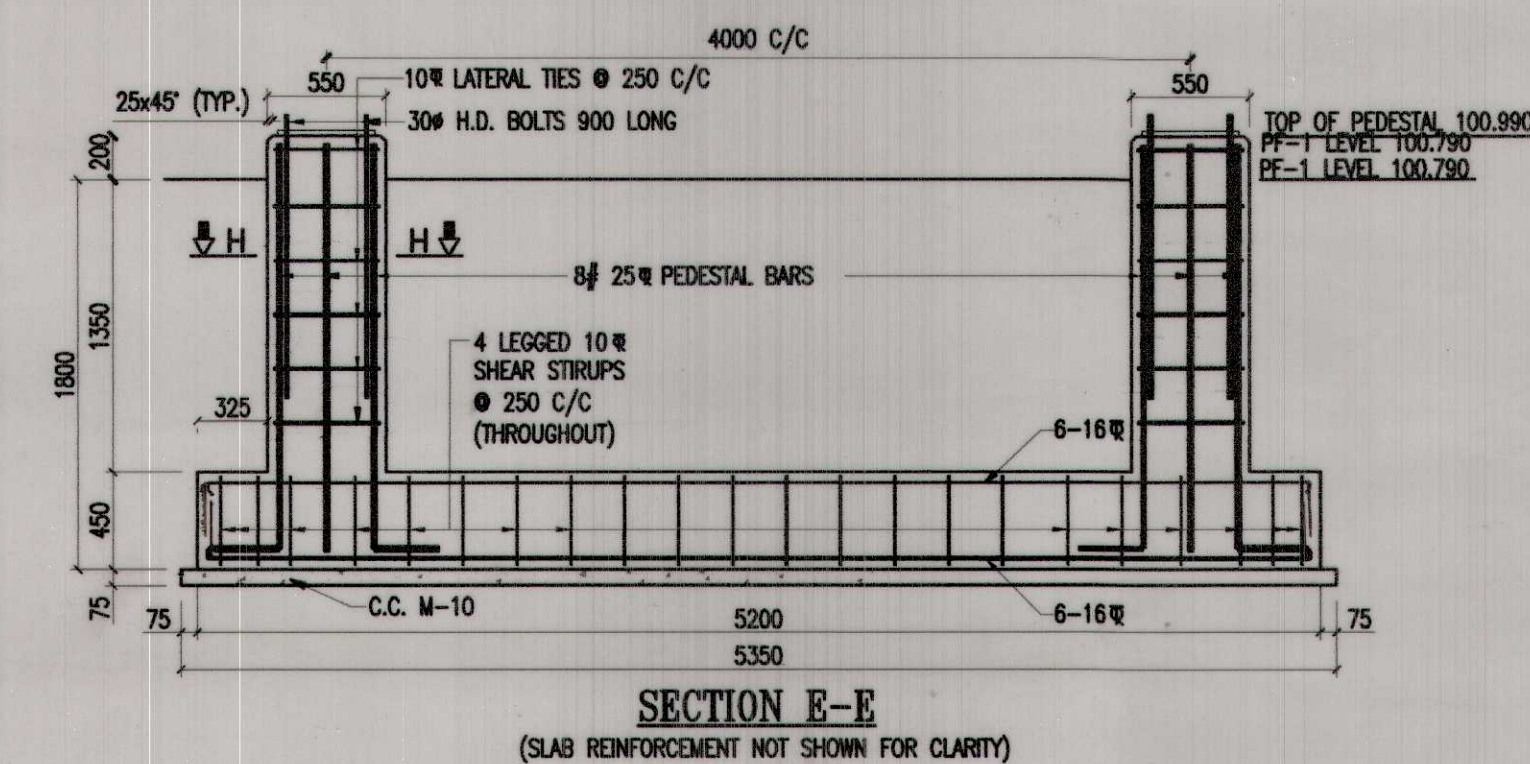
- NOTES:-**
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 2. DO NOT SCALE, FOLLOW WRITTEN DIMENSION ONLY.
 3. FOR OTHER NOTES REFER SHEET NO. 2
 4. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT SHEETS.

FOR	SEE
GENERAL ARRANGEMENT	NRHQE PLAN NO. FB-99/UMB
FOUNDATION LAYOUT PLAN	SHEET No-2
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A,3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B
DETAIL OF RAMP/STAIR FOUNDATIONS	SHEET No-6

AGENCY	PANKAJ JINDAL CONTRACTOR VINEET JINDAL AUTH. SIGNATORY	SR. DEN-H/UMB ADEN/SR	SR. DEN-H/UMB ADEN/SR	SR. DEN-H/UMB ADEN/SR	SR. DEN-H/UMB ADEN/SR
DESIGN & DRAWING	V.D. SHARMA ME (Structures) FIE CHARTERED	SSE/W/UMB SSE/DRG/UMB	SSE/DRG/UMB	SSE/DRG/UMB	SSE/DRG/UMB
DIVISIONAL OFFICERS					
HQ. OFFICERS					
AMBALA DIVISION					
PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT NANGAL DAM RAILWAY STATION UNDER AMRIT BHARAT STATION SCHEME ON SIR-DLPC SECTION					
DETAIL OF TRESTLE FOUNDATION T2F2					
DIVL. PLAN NO: FB-178/HMDM-2023/UMB/ FOUND. PLANS					
NRHQE PLAN No. FB-99/UMB					
SCALE:-1:35					
(SHEET No-3B)					

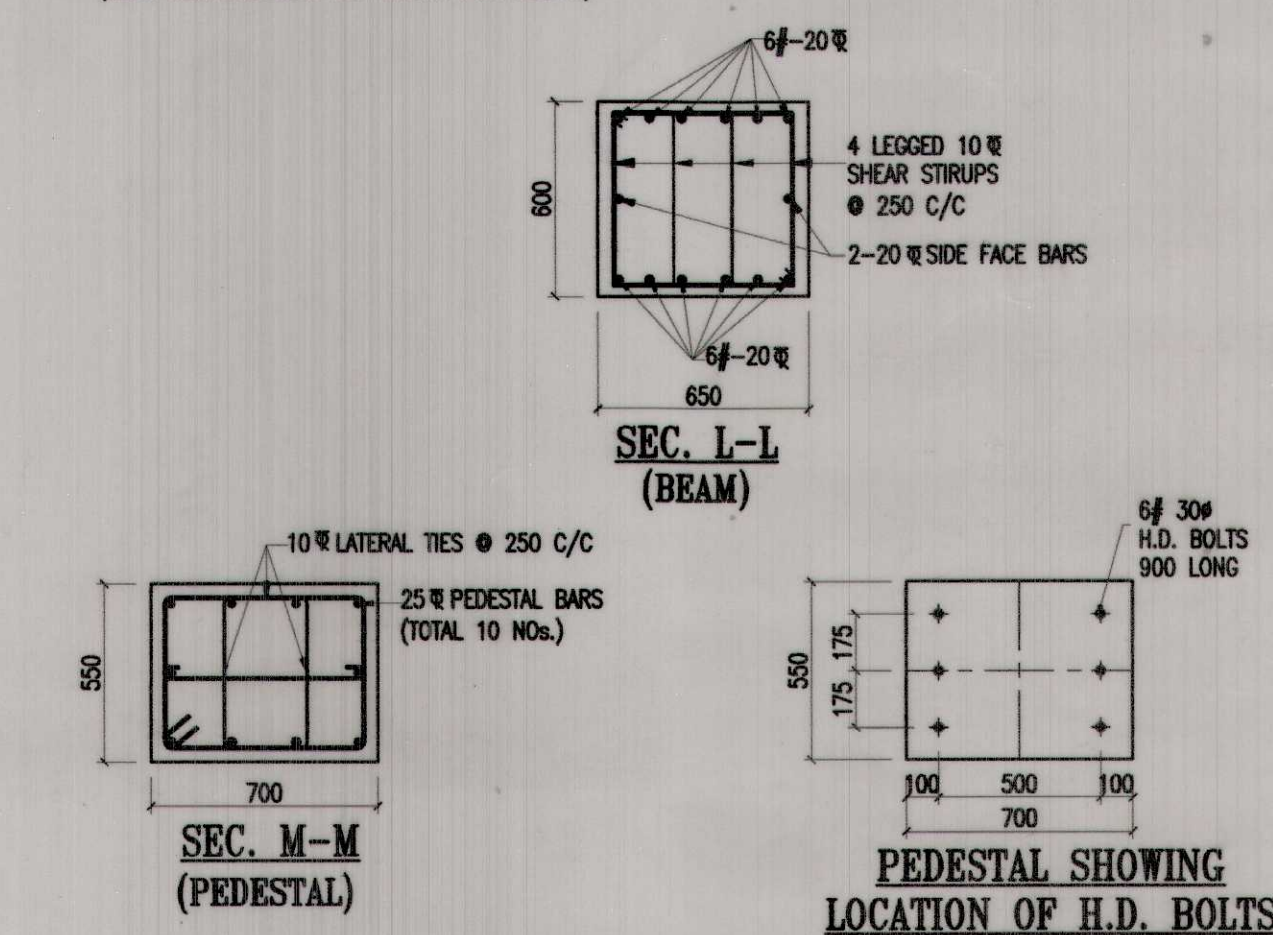
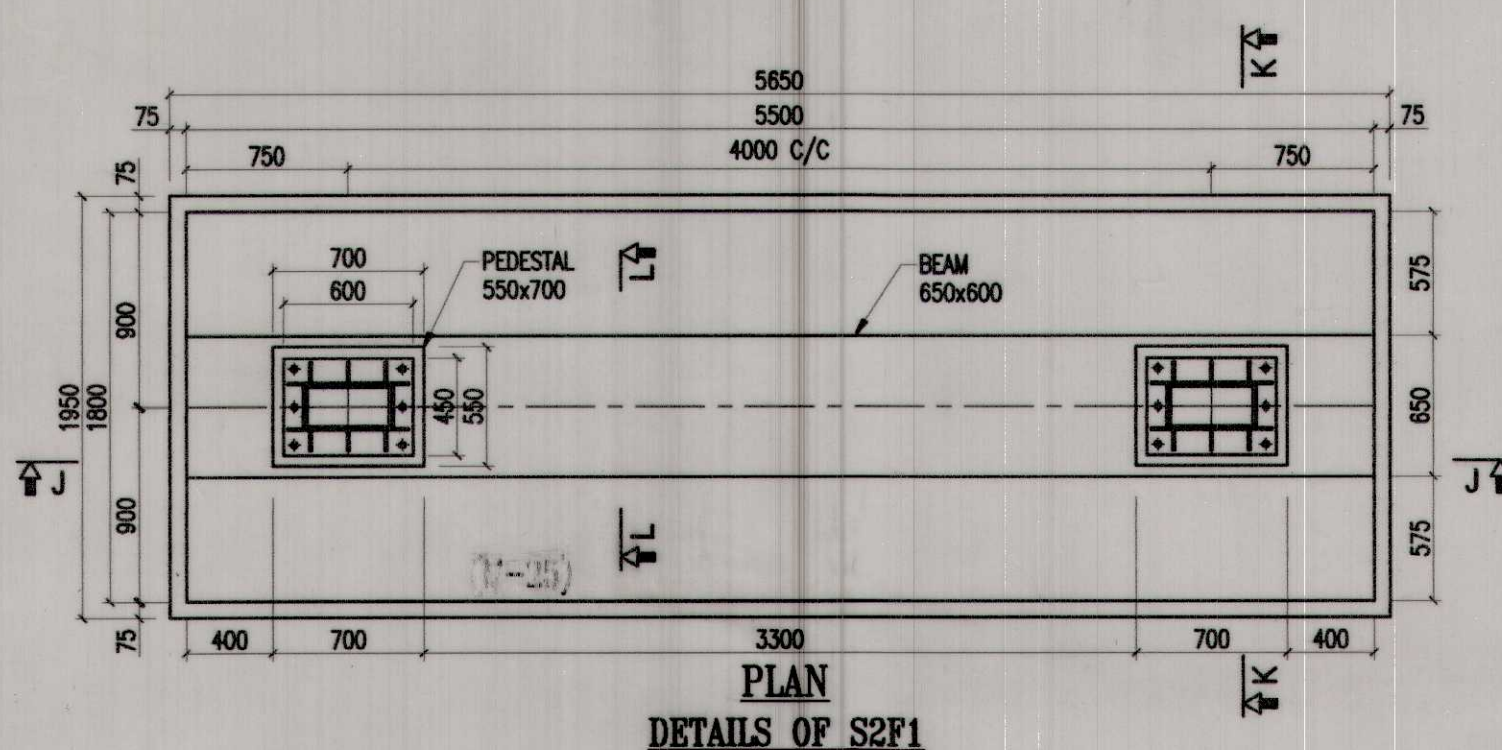
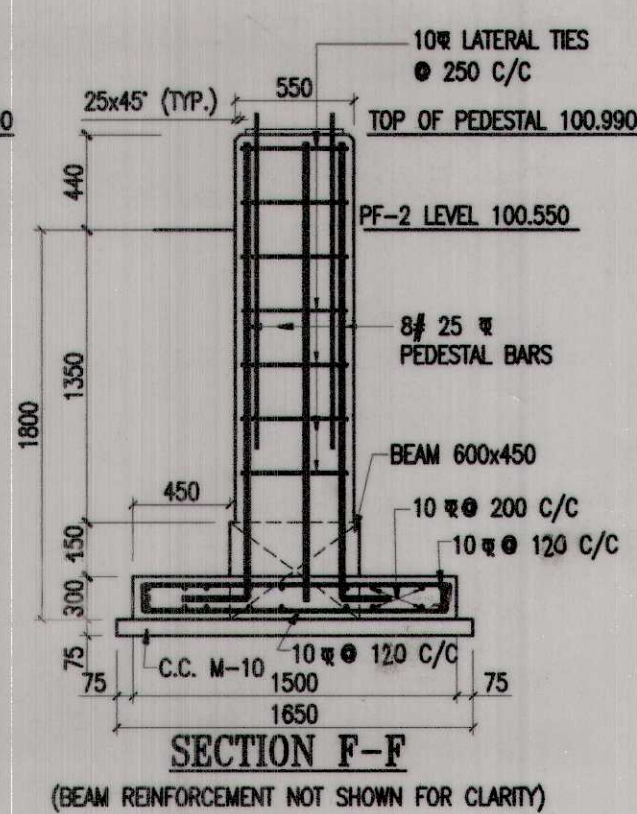
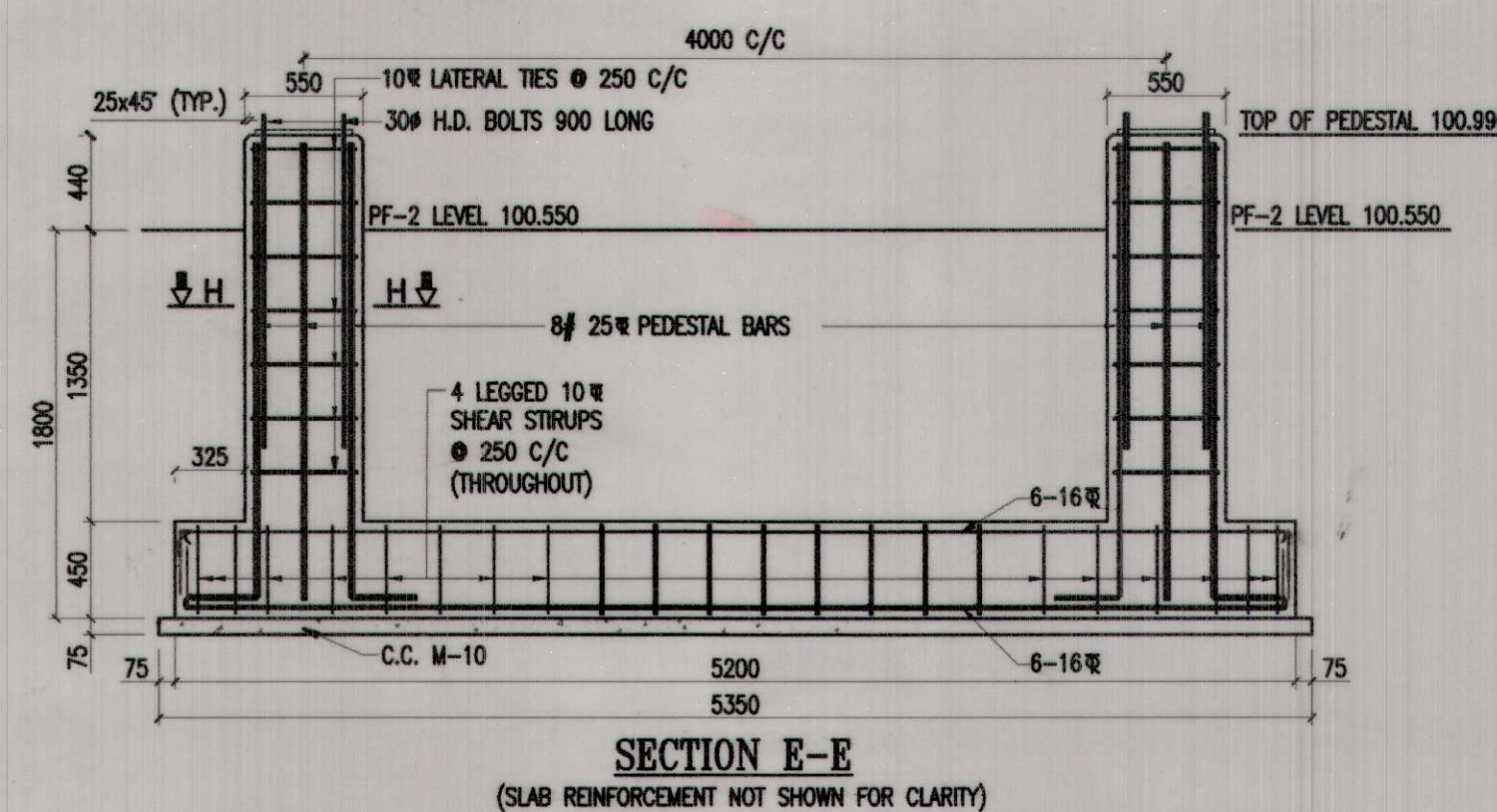
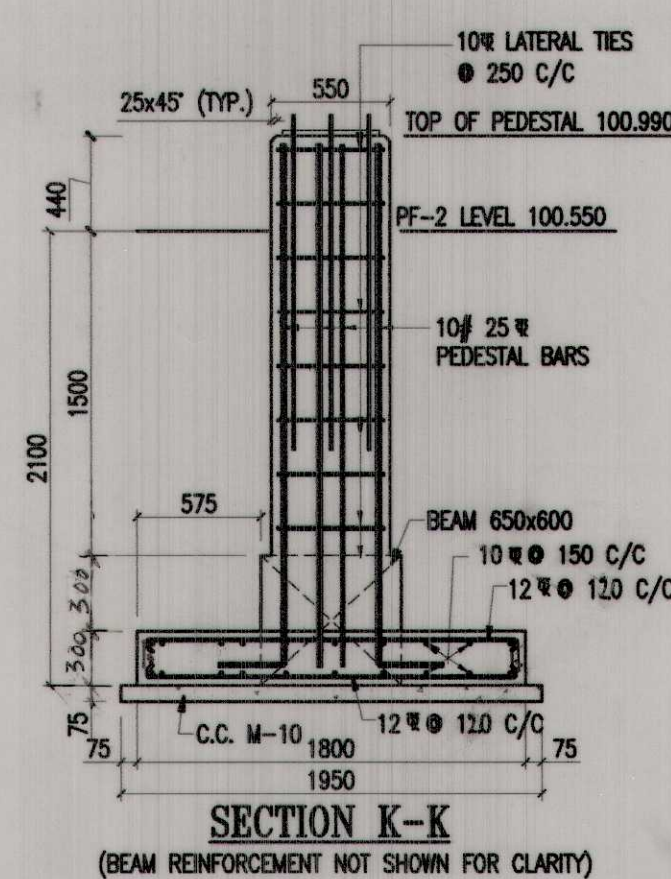
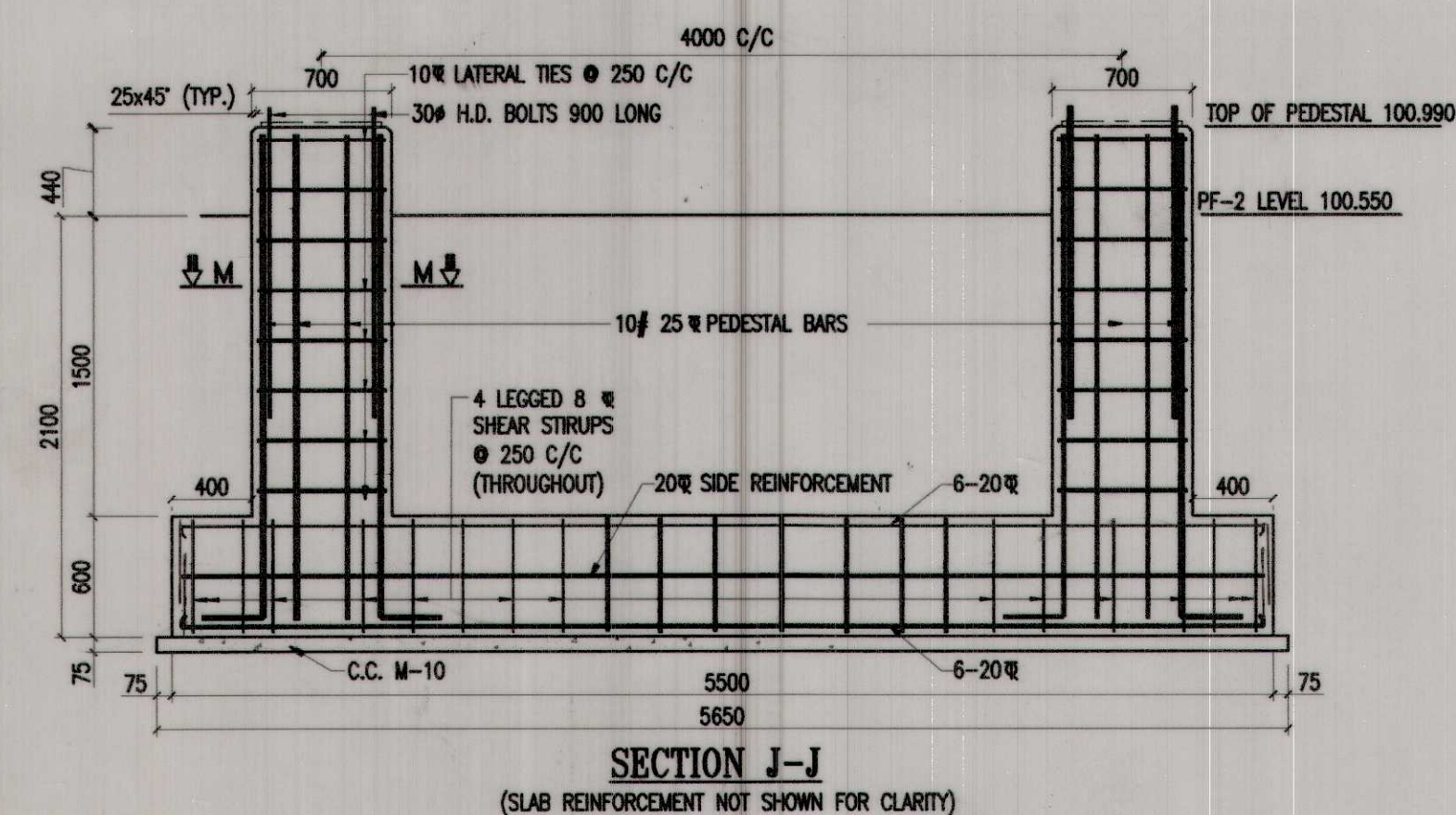
NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE, FOLLOW WRITTEN DIMENSION ONLY.
3. TOP OF PEDESTAL OF STAIRCASE S1F1 & S2F2 IS INDICATIVE ONLY. IT SHOULD BE VERIFIED BEFORE CASTING OF FOUNDATIONS.
4. FOR OTHER NOTES REFER SHEET NO. 2
5. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT SHEETS.

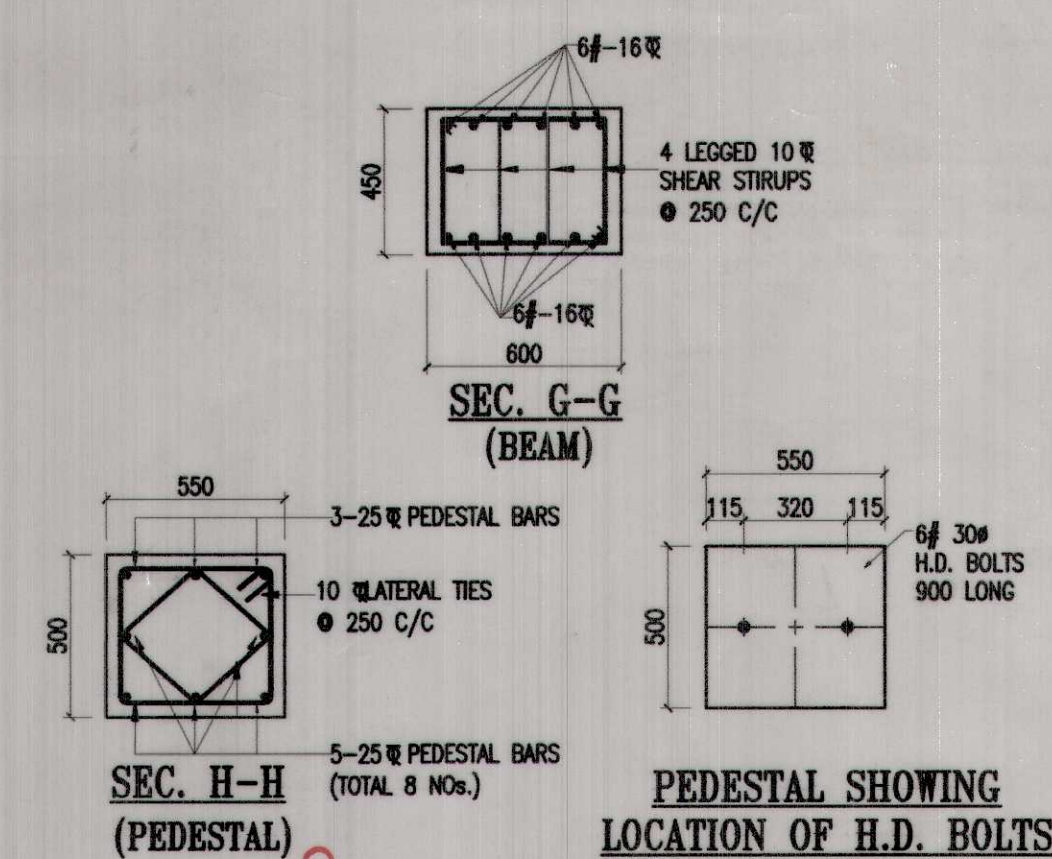
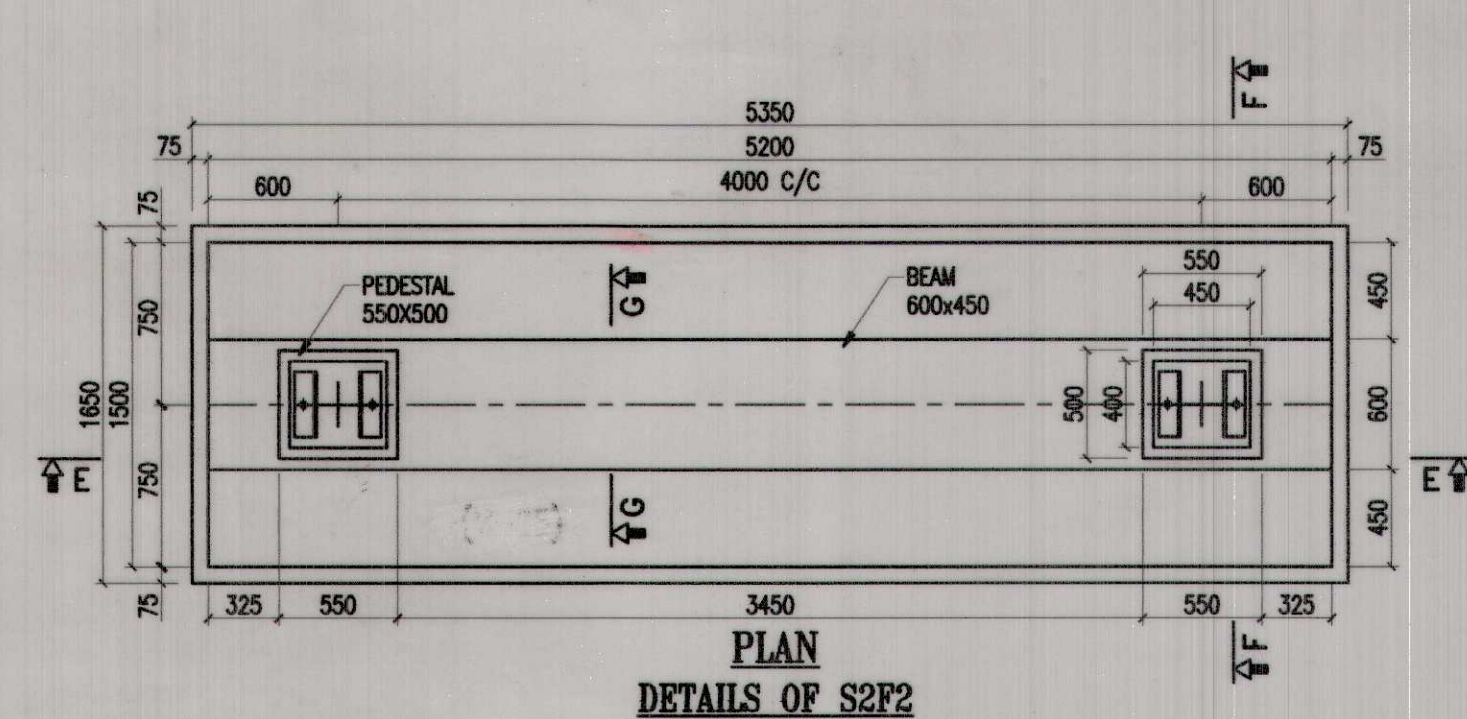


PEDESTAL SHOWING LOCATION OF H.D. BOLTS

FOR	SEE
GENERAL ARRANGEMENT	NRHQE PLAN NO. FB-99/UMB
FOUNDATION LAYOUT PLAN	SHEET No-2
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A,3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B
DETAIL OF RAMP/STAIR FOUNDATIONS	SHEET No-6

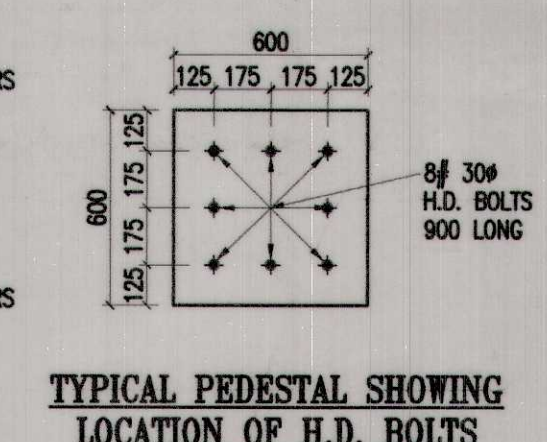
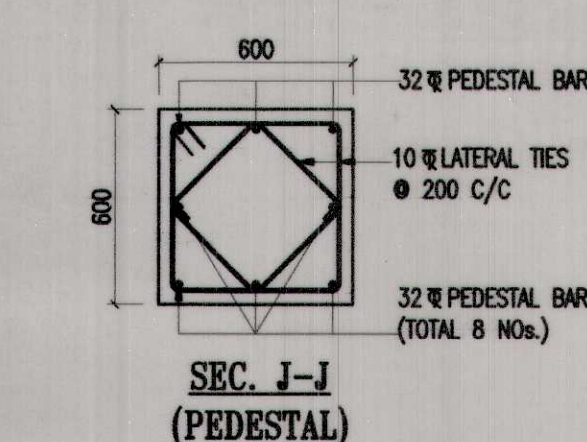
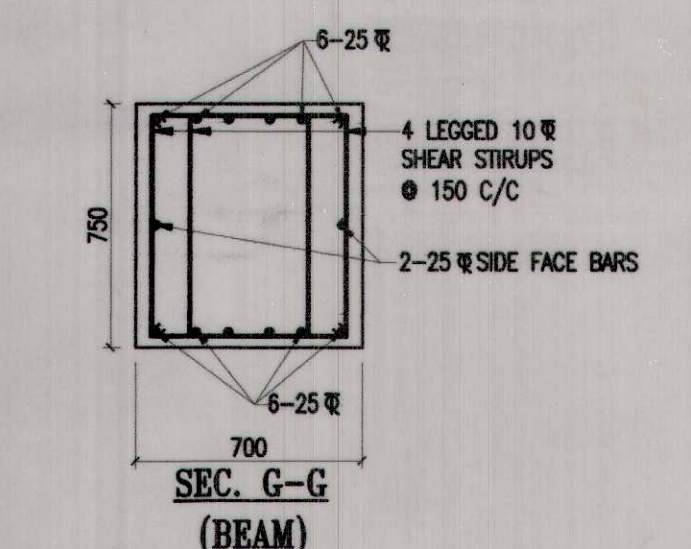
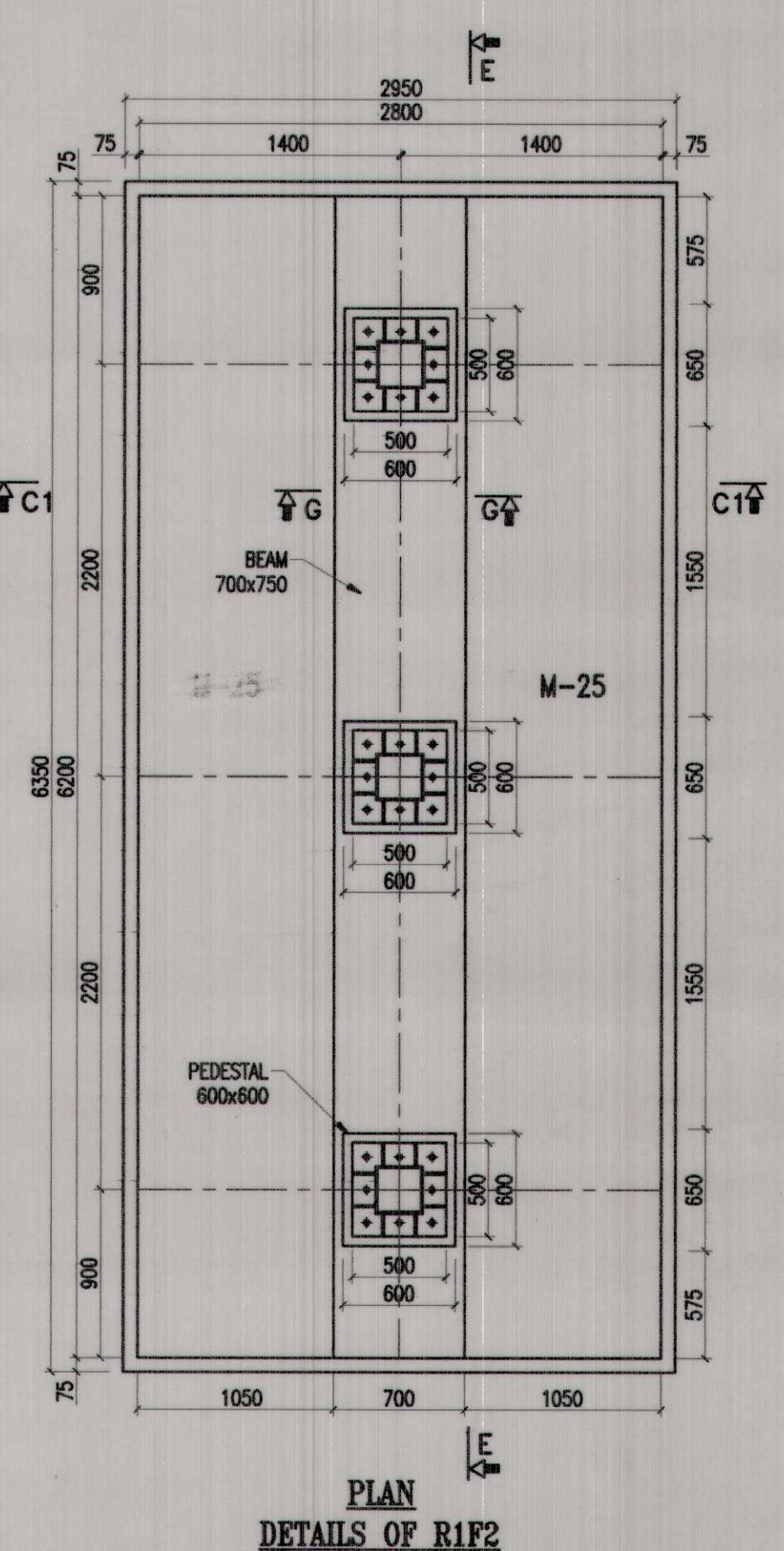
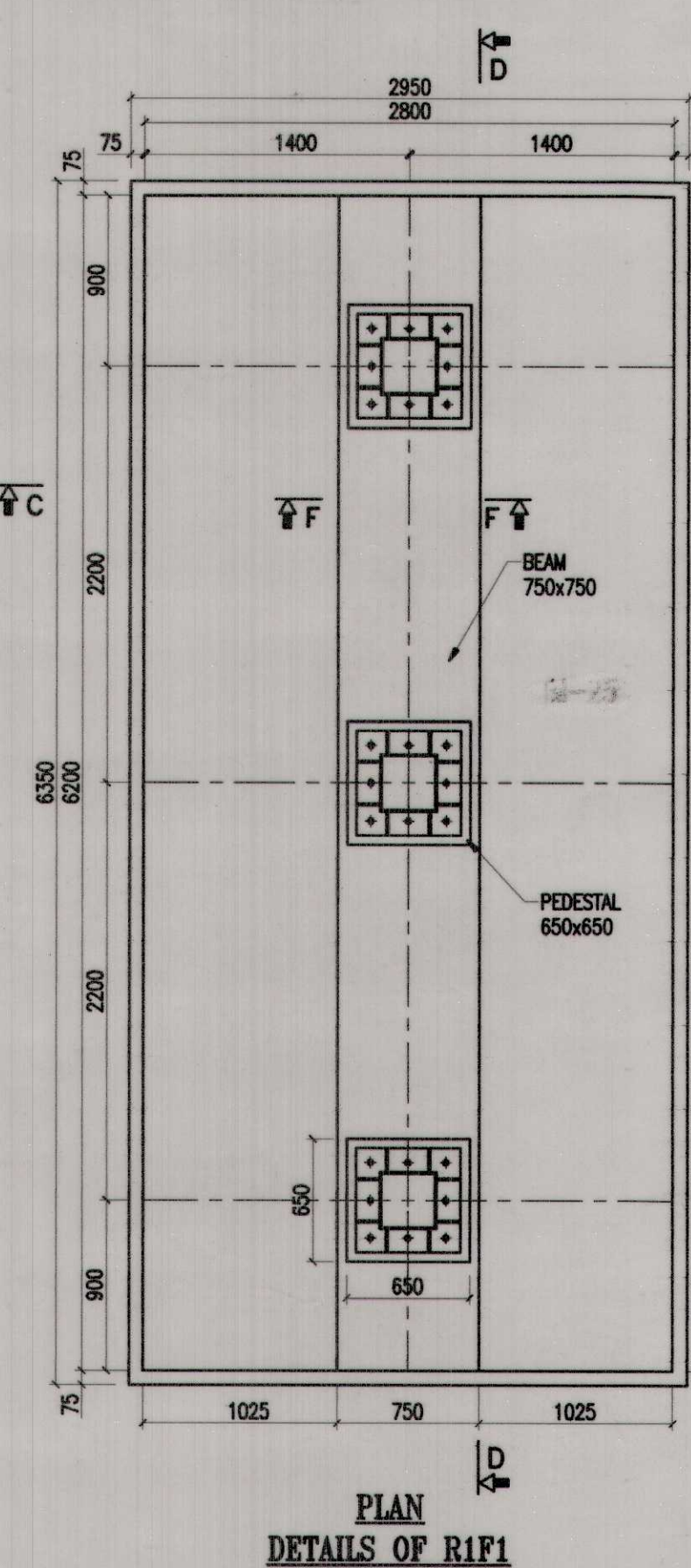
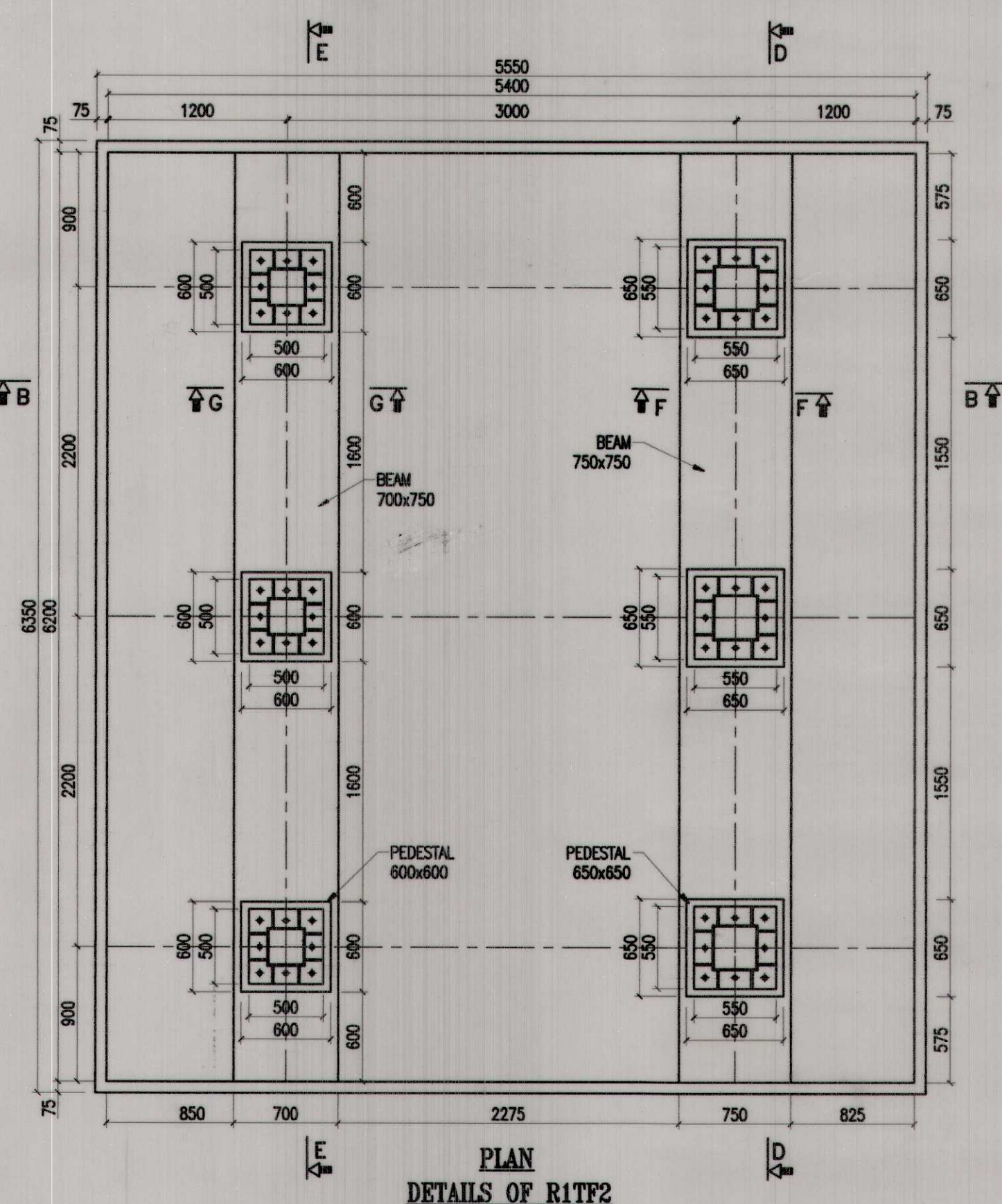
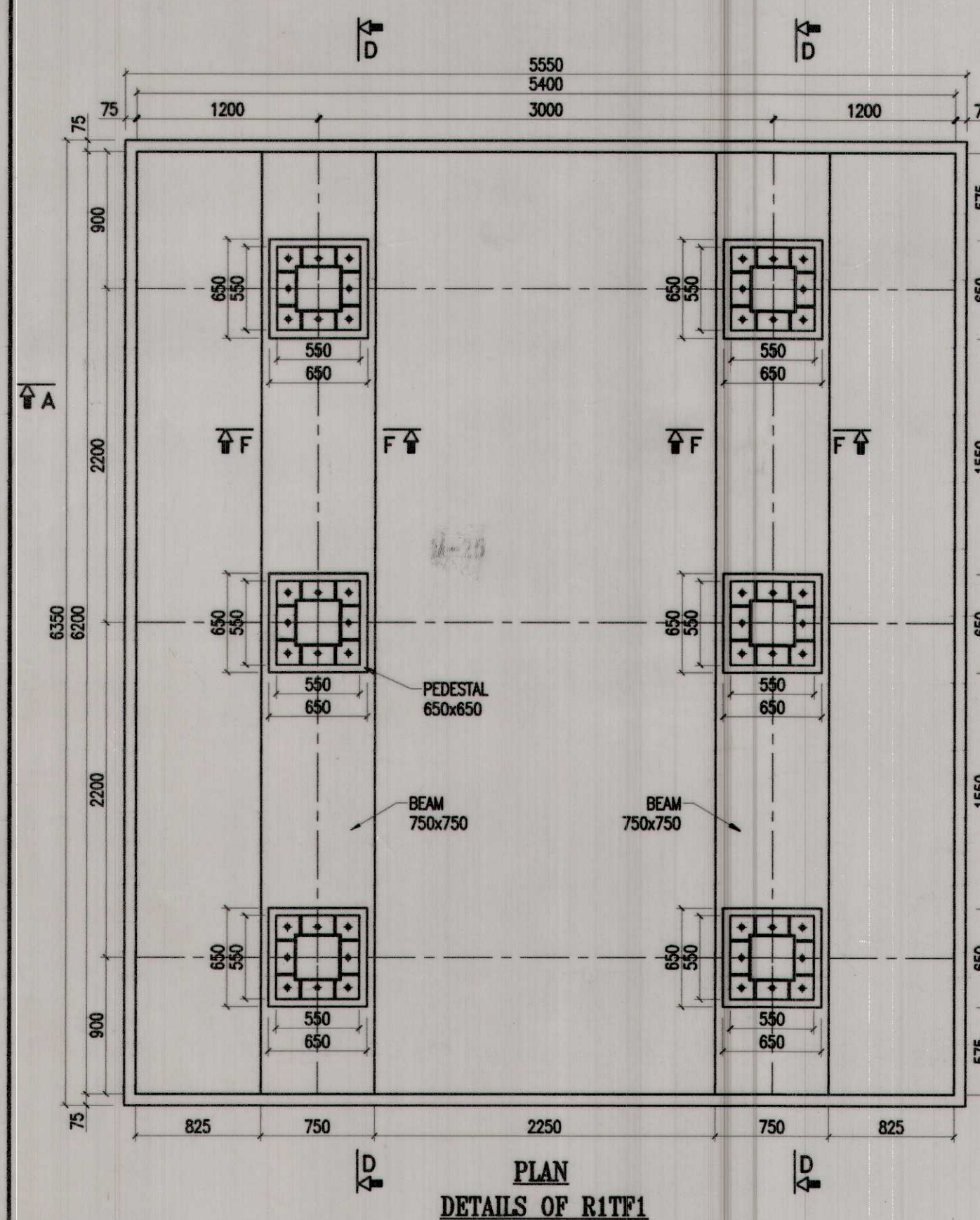
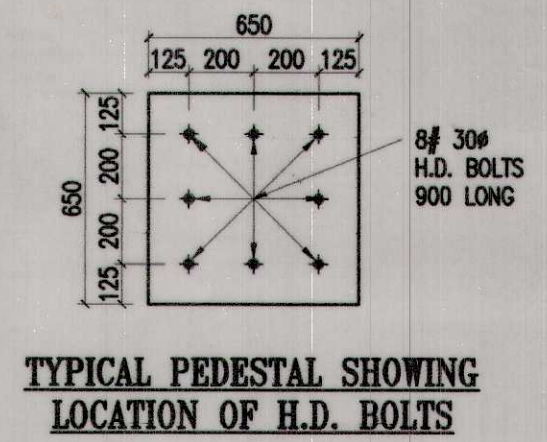
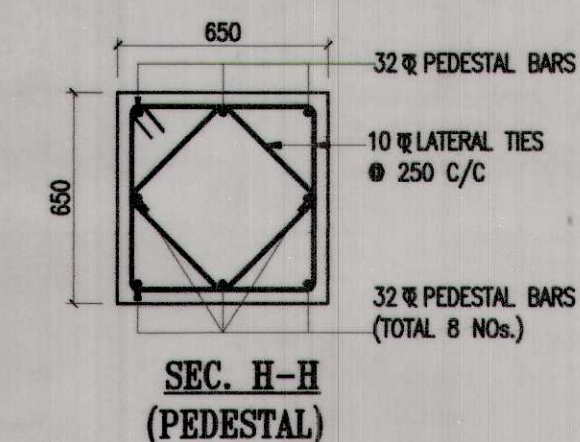
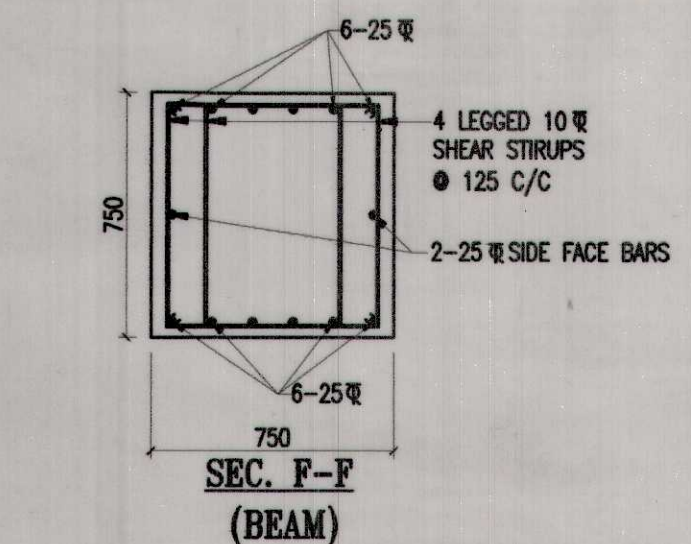
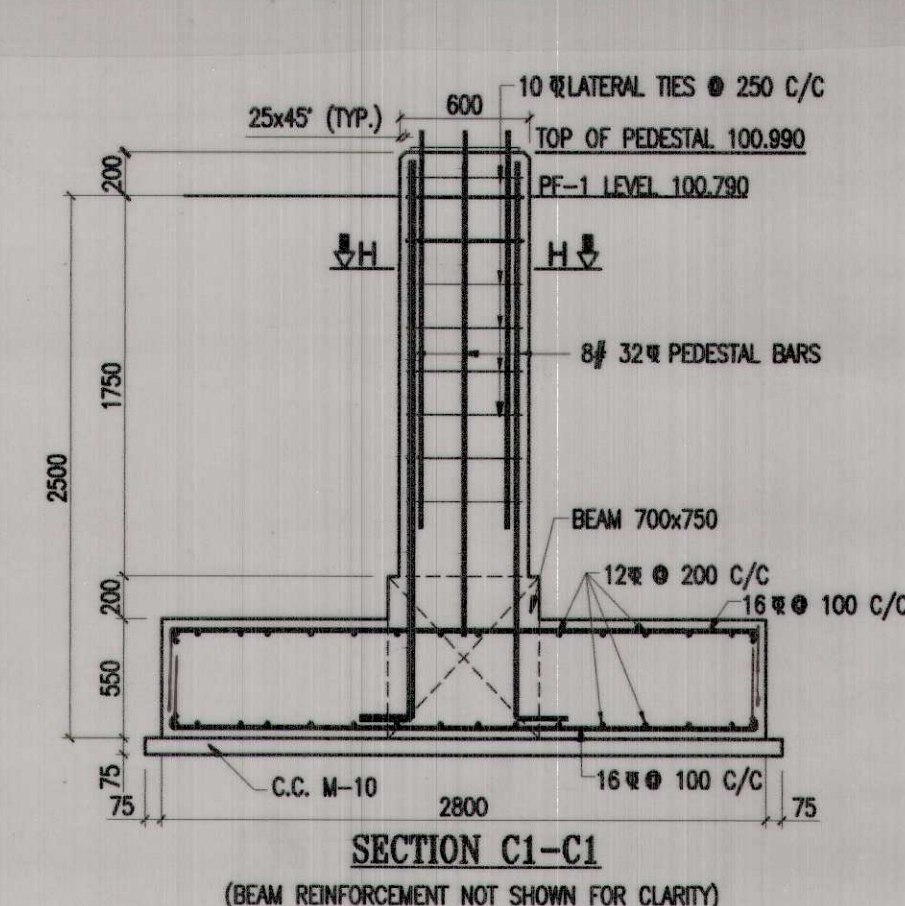
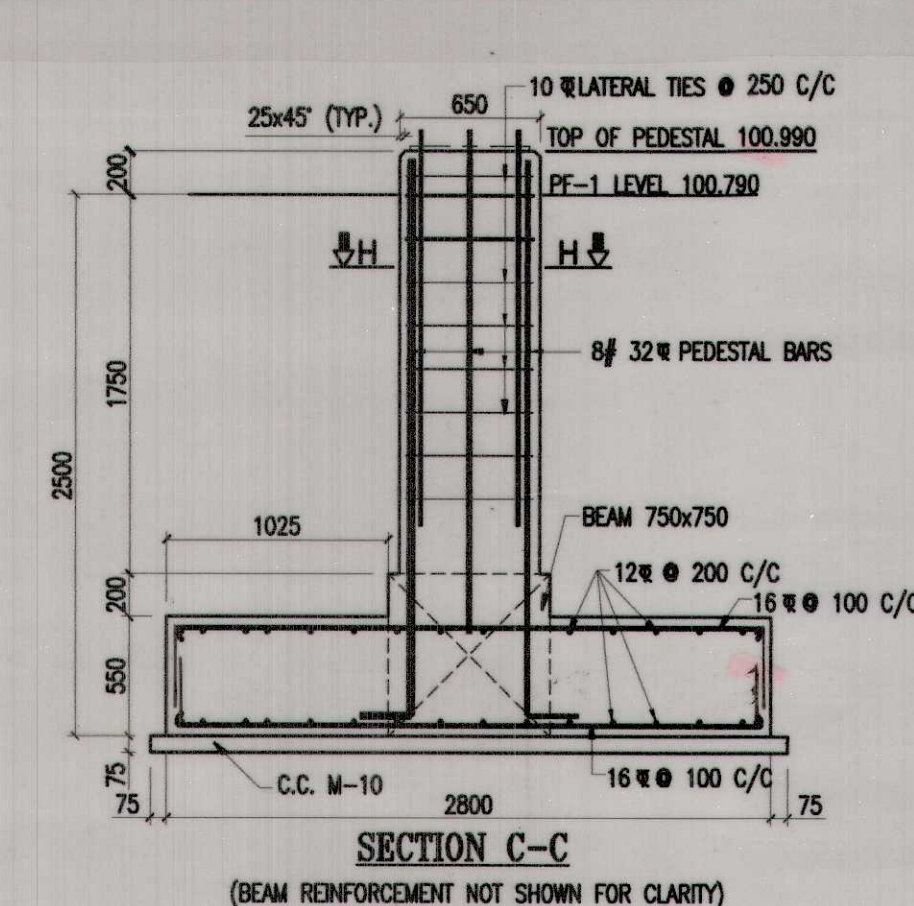
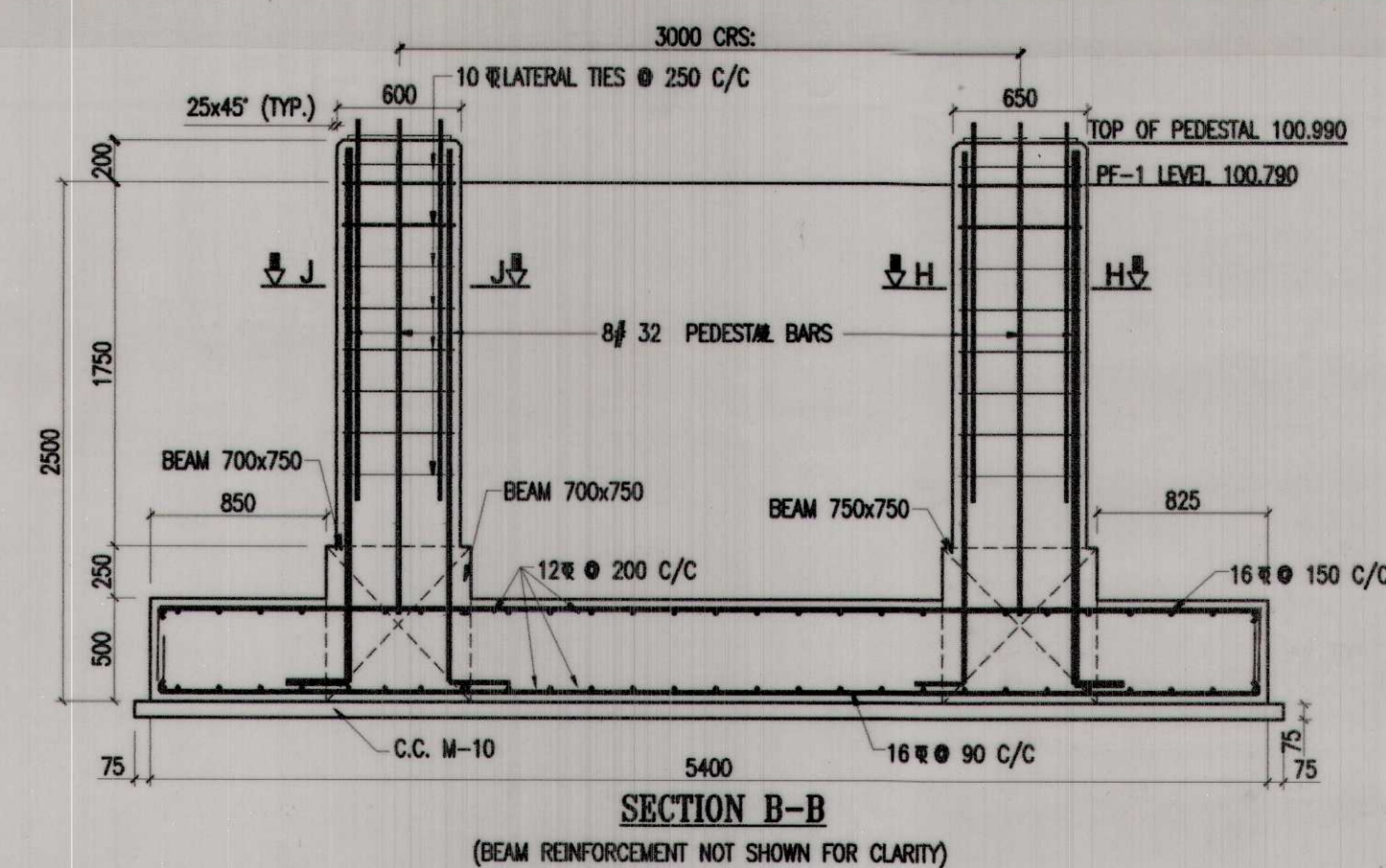
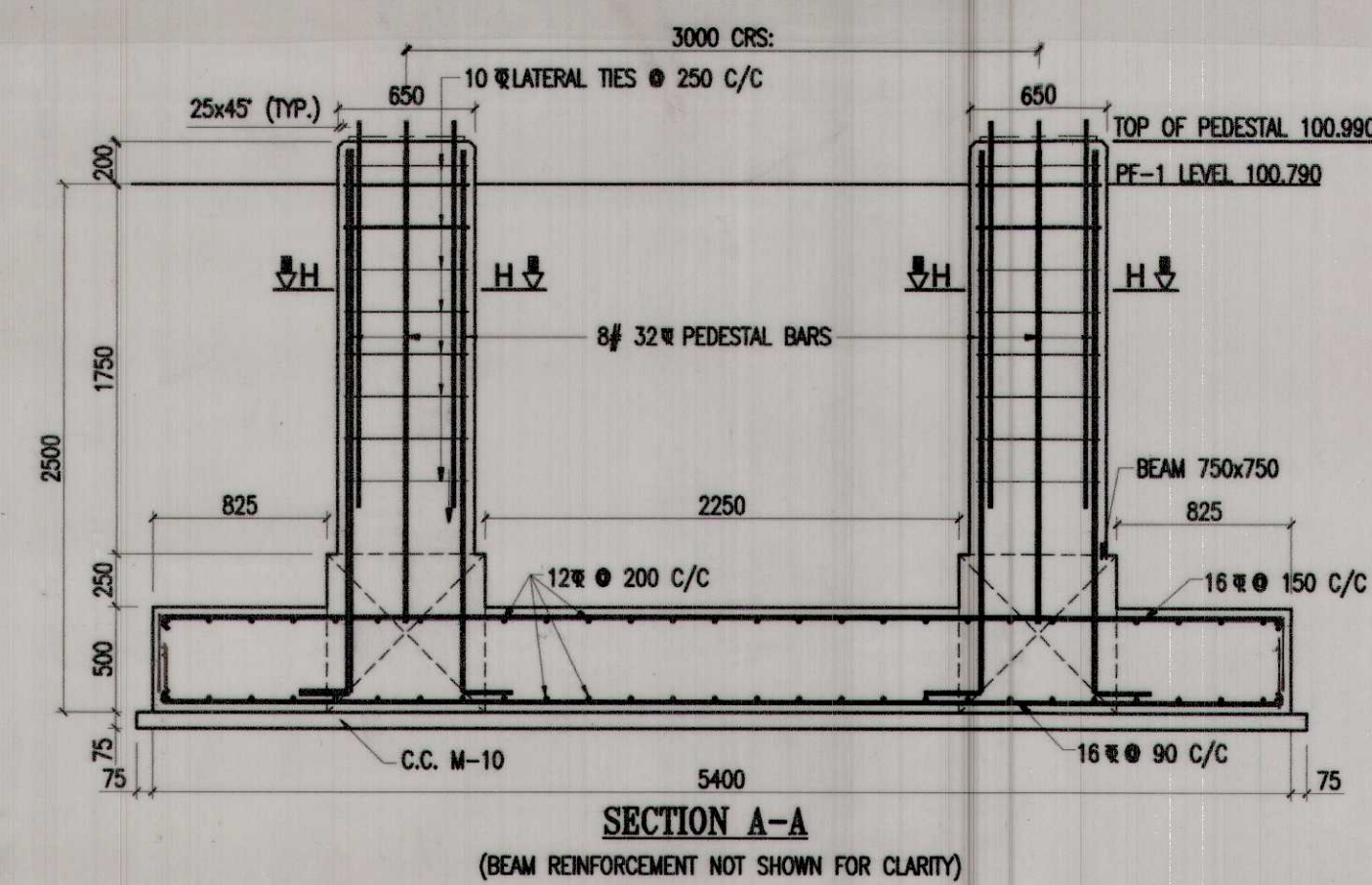


PEDESTAL SHOWING LOCATION OF H.D. BOLTS



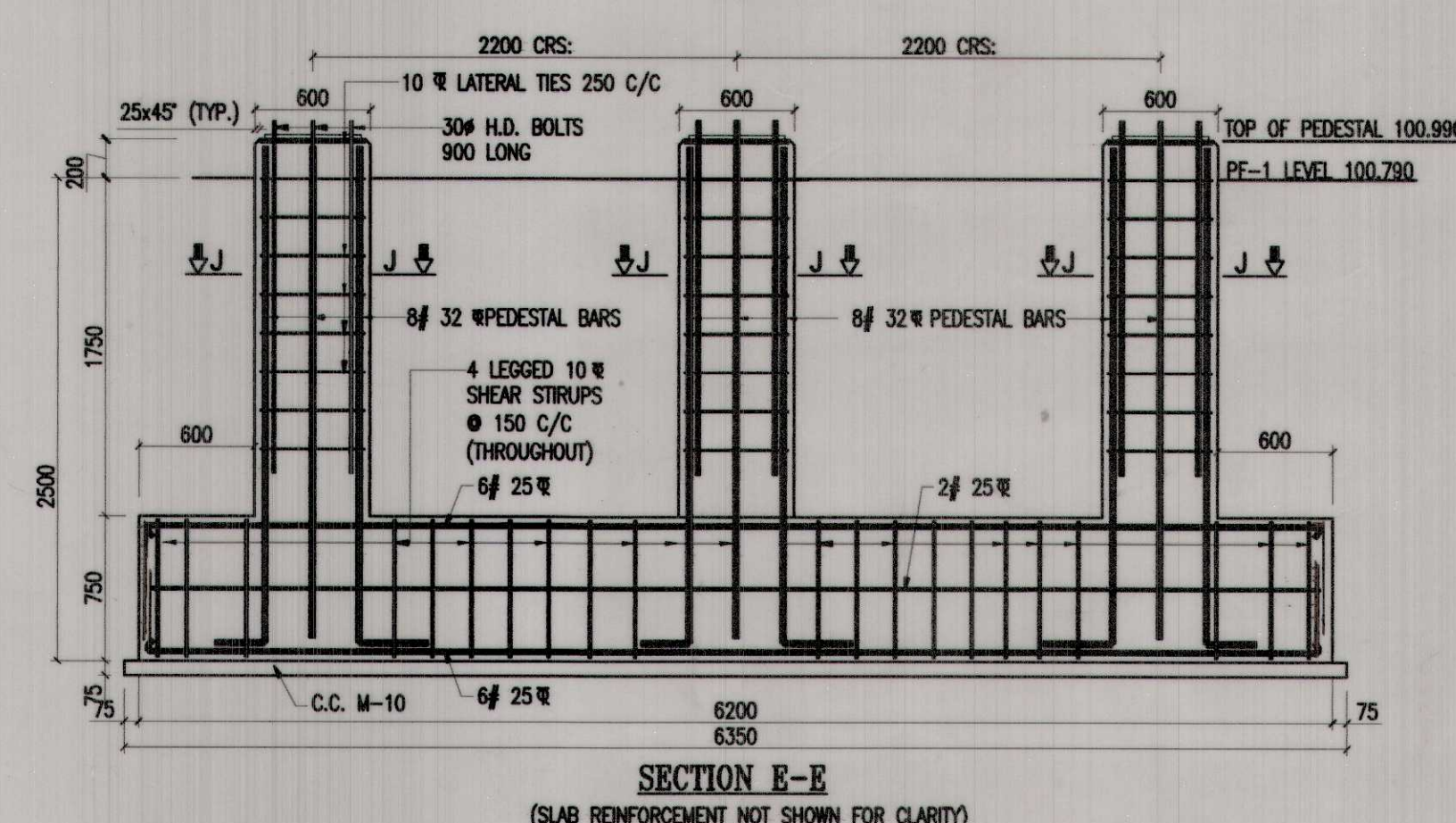
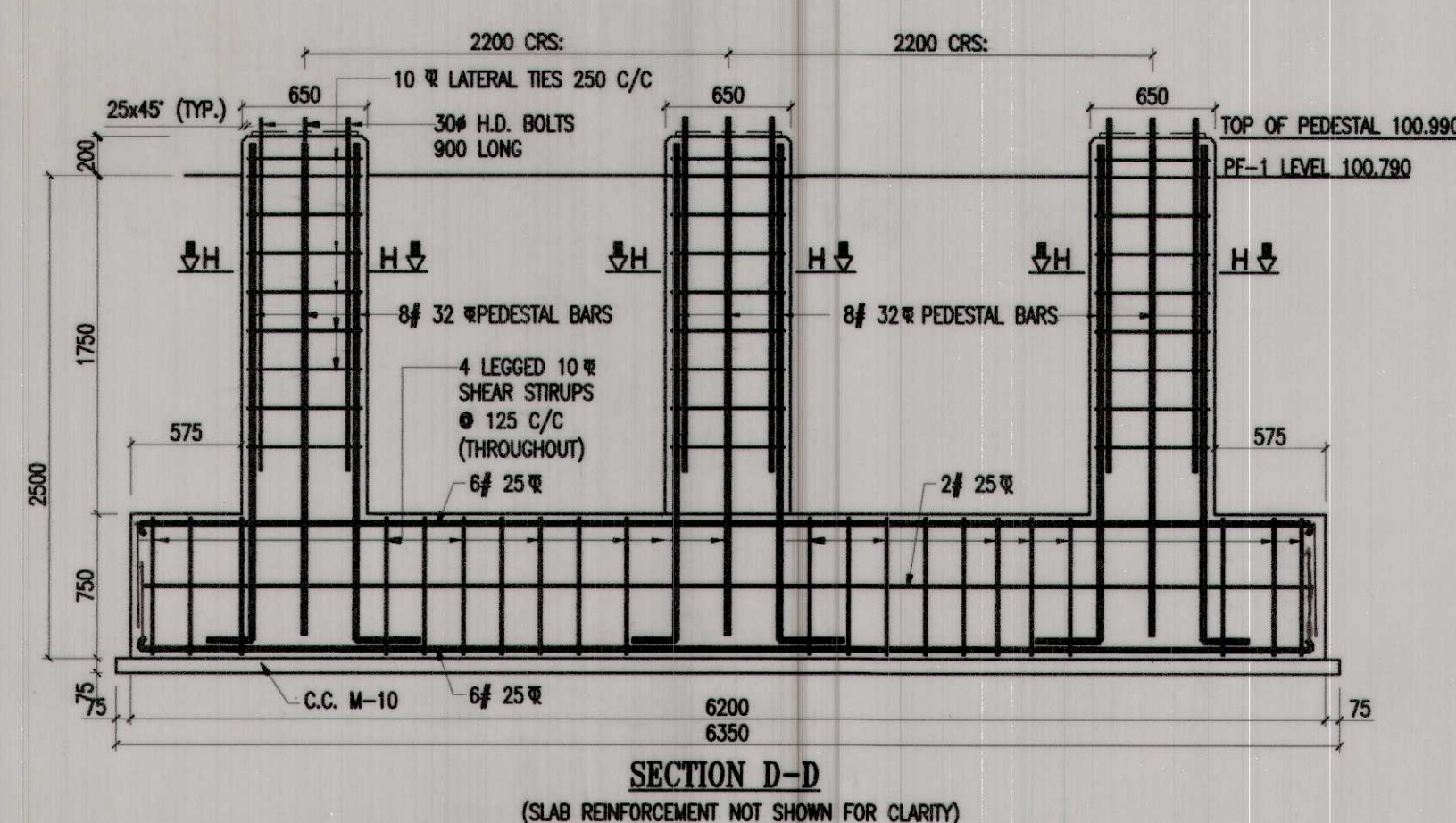
PEDESTAL SHOWING LOCATION OF H.D. BOLTS

AGENCY	PANKAJ JINDAL CONTRACTOR Vijay Jindal AUTH. SIGNATORY	SR. DEN-N/UMB ADEN/SR	SR. DEN-N/UMB ADEN/SR	AGENCY	AMBALA DIVISION PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT NANGAL DAM RAILWAY STATION UNDER AMRIT BHARAT STATION SCHEME ON SIR-DLPC SECTION DETAIL OF STAIRCASE FOUNDATIONS S1F2, S2F1, & S2F2
DESIGN & DRAWING	V.D. SHARMA ME (Structures), FIE REGISTERED ENGINEER	SSE/W/MDM/Rong SSE/DRG/UMB	SSE/DRG/UMB	DIVL PLAN NO: FB-178/MDM-2023/UMB FOUND. PLANS NRHQE PLAN No. FB-99/UMB	
REVISION				SCALE:-1:35	(SHEET No-4)

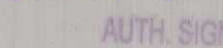
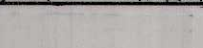


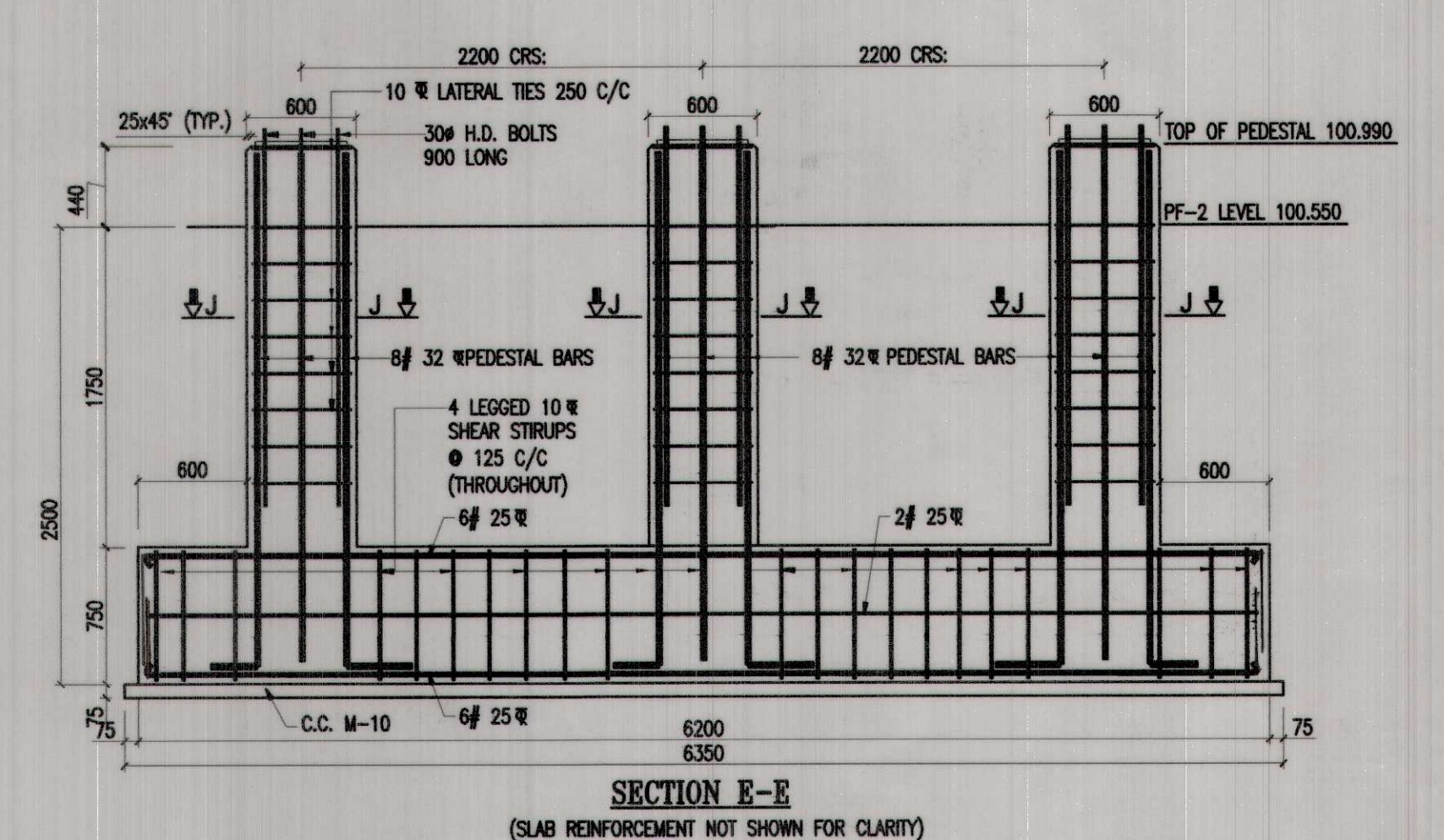
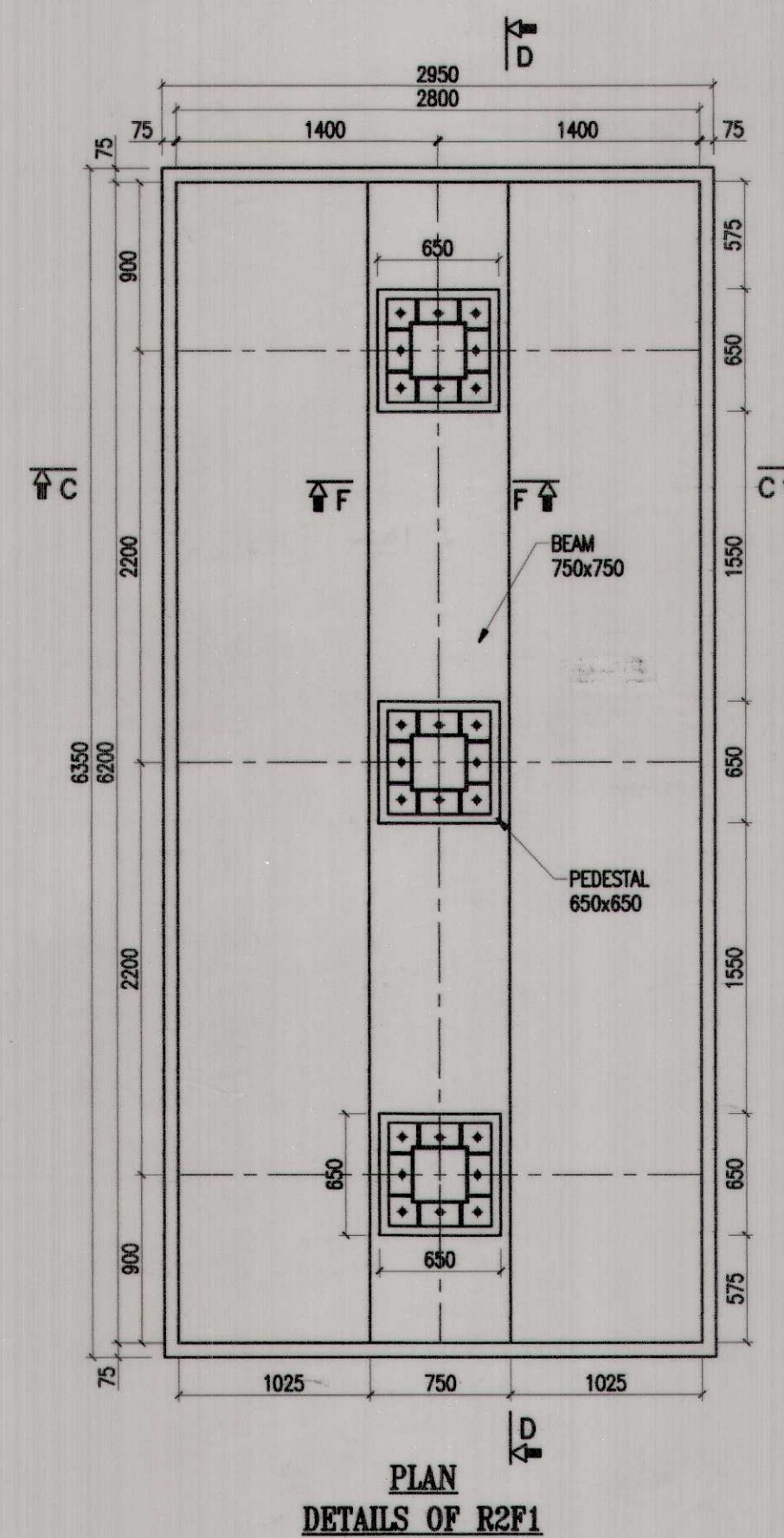
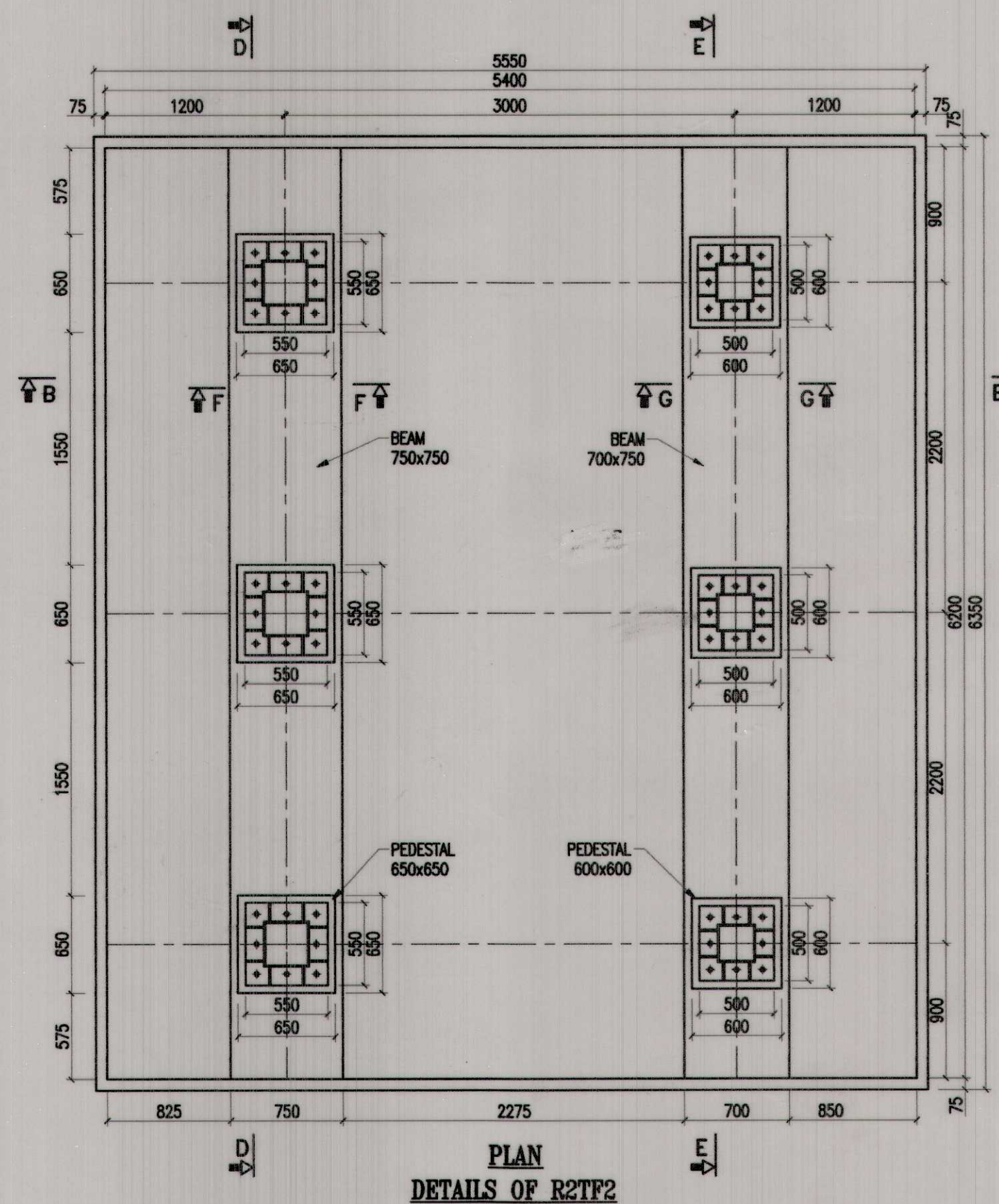
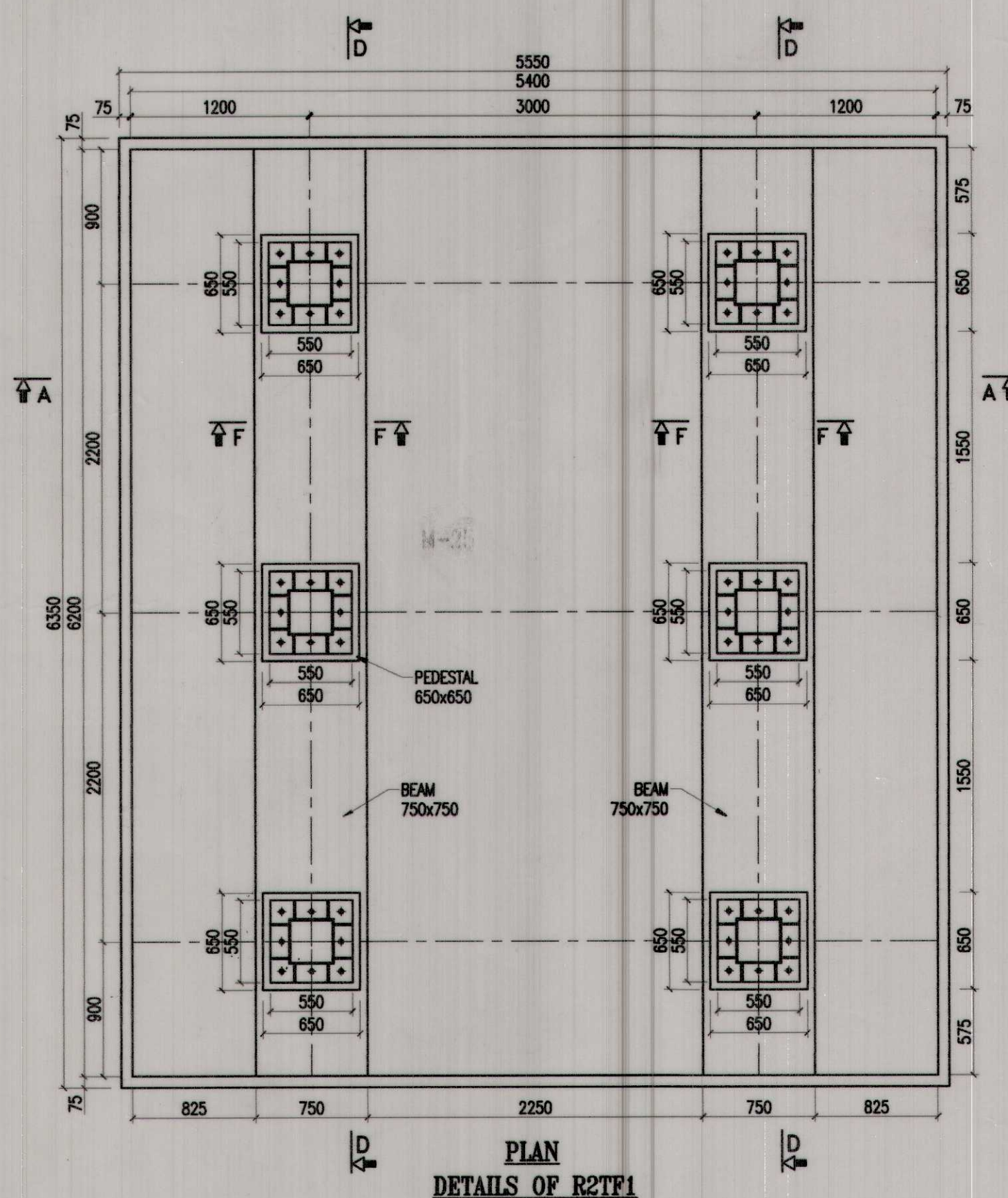
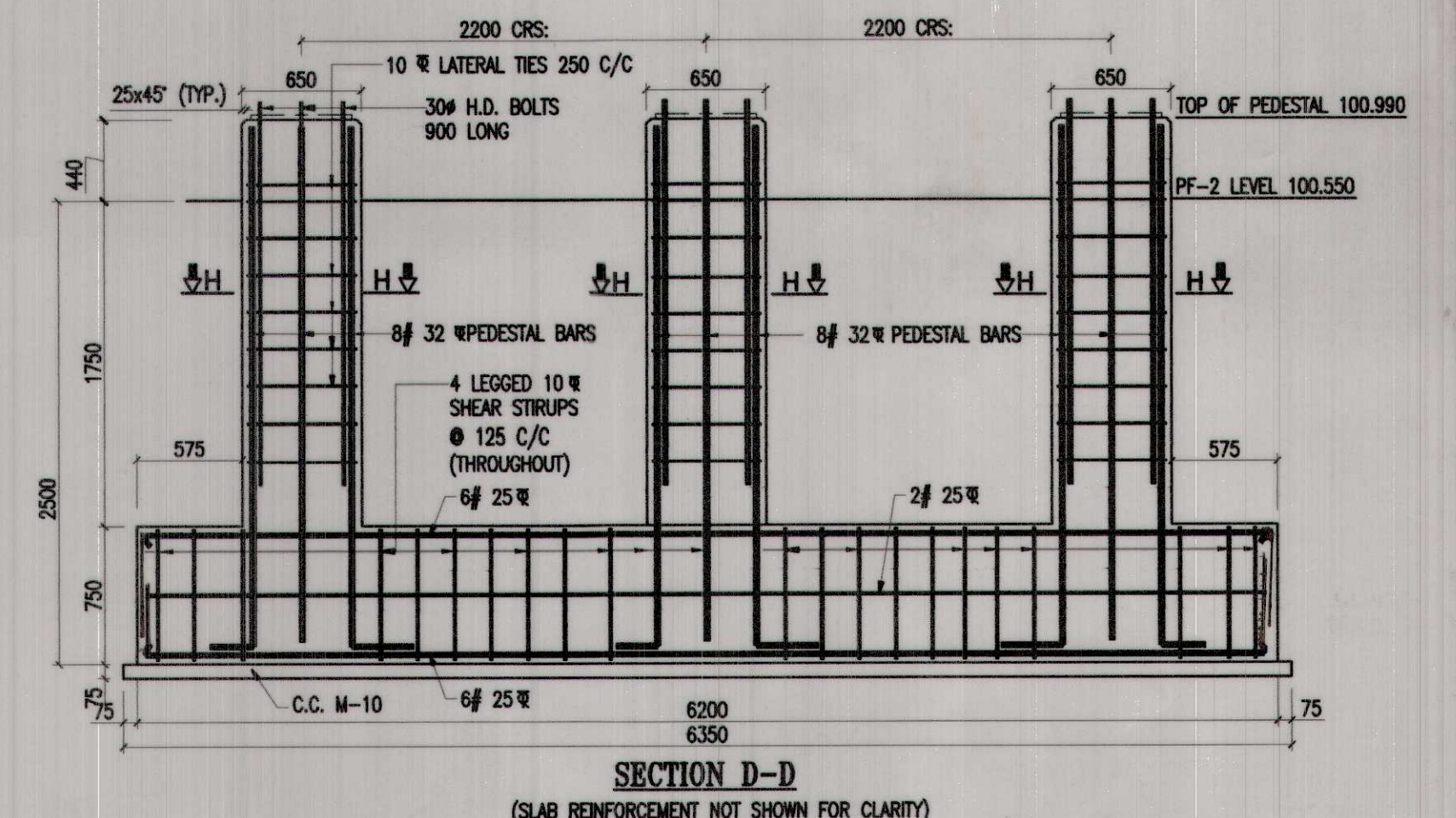
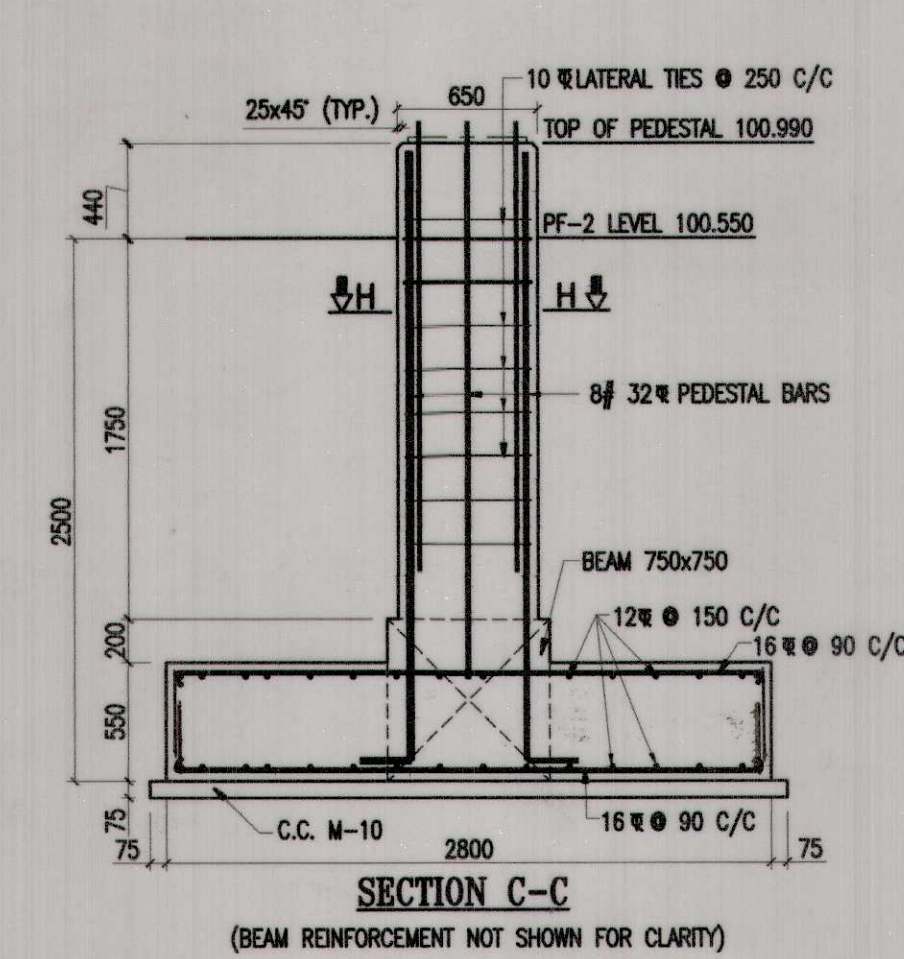
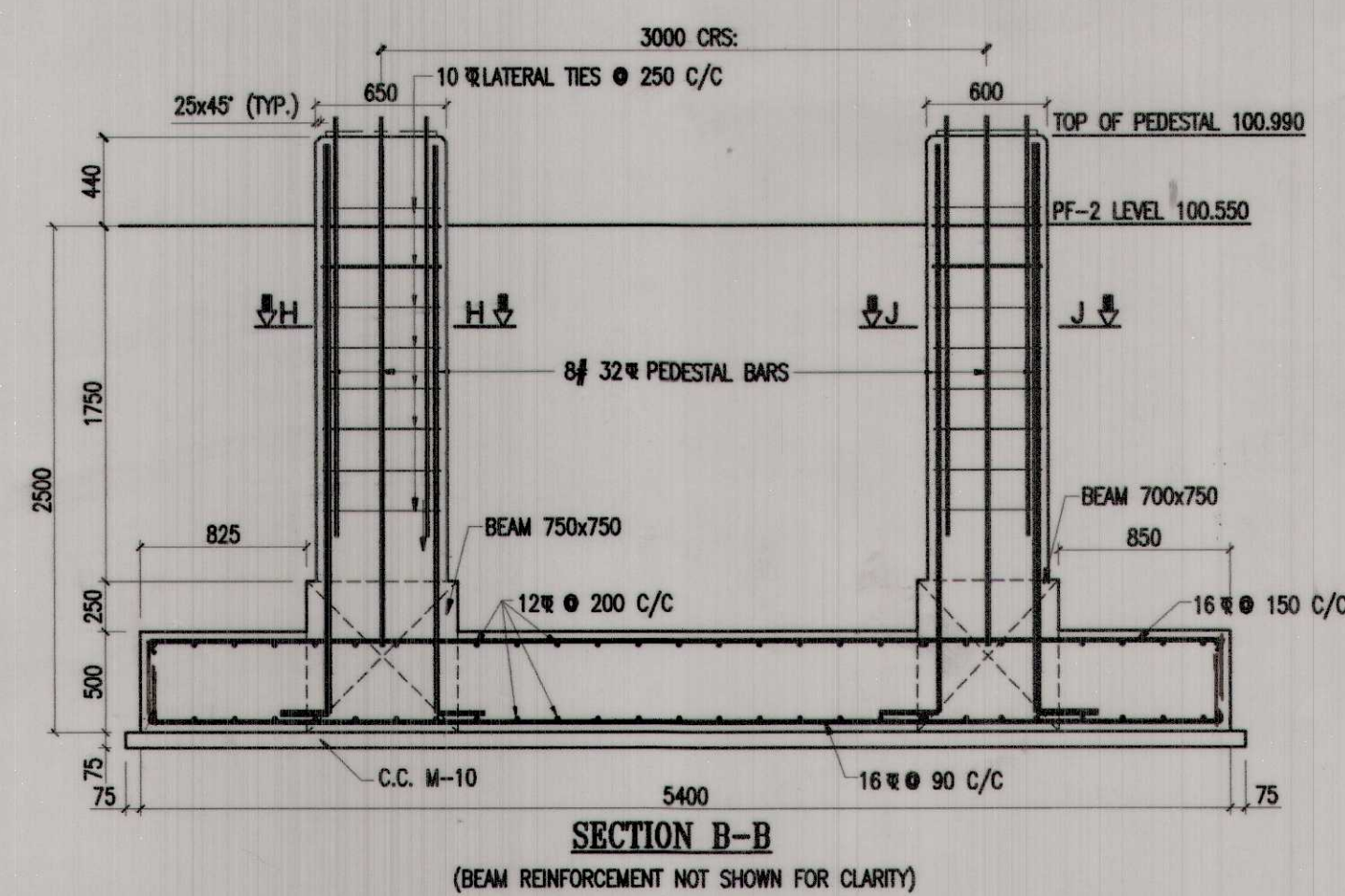
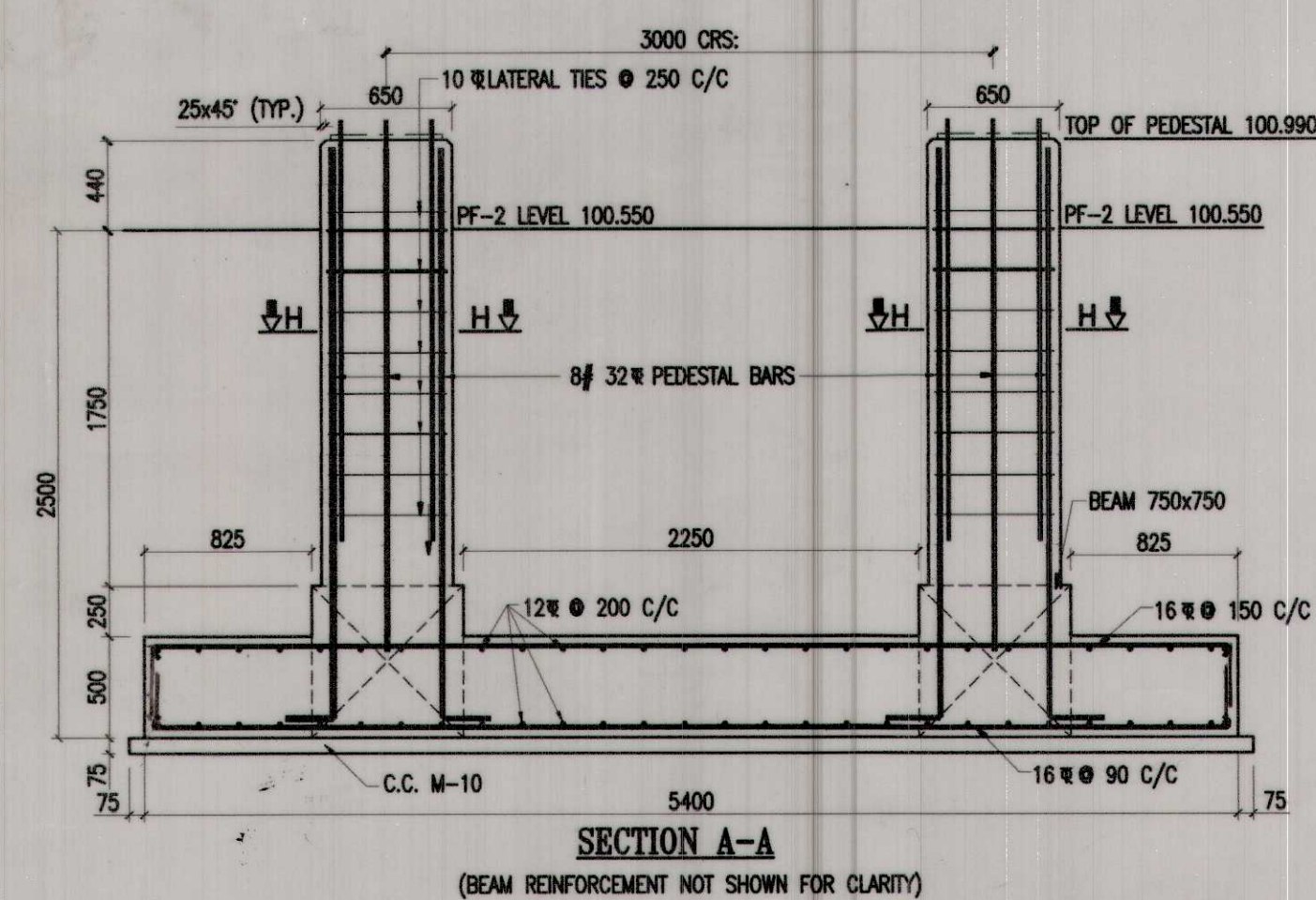
NOTES:-

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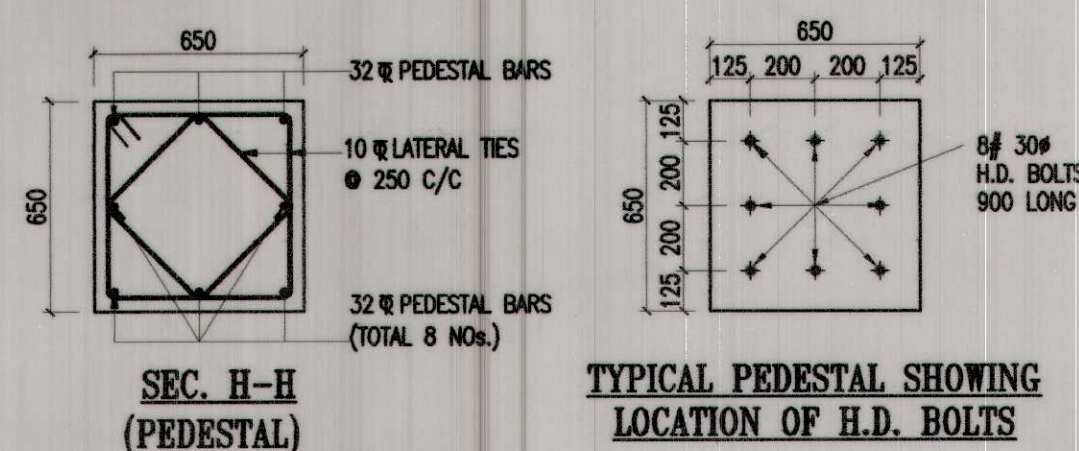
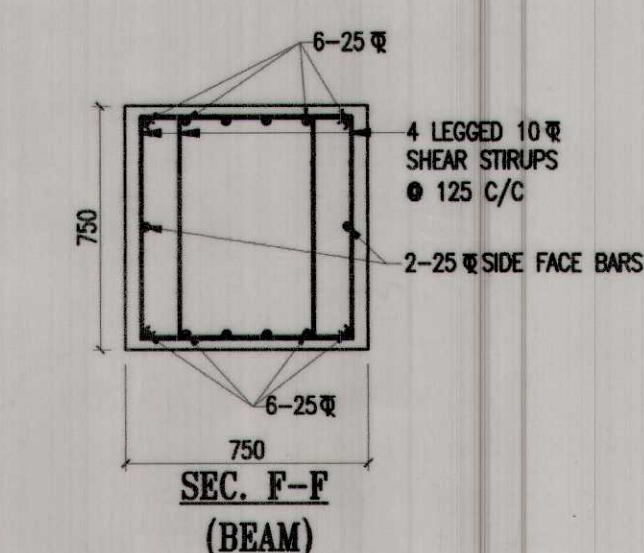
FOR	SEE
GENERAL ARRANGEMENT	NRHOE PLAN NO. FB-99/UMB
FOUNDATION LAYOUT PLAN	SHEET No-2
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A,3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B
DETAIL OF RAMP/STAIR FOUNDATIONS	SHEET No-6

AGENCY			AMBALA DIVISION
PANKAJ JINDAL CONTRACTOR Vimal Jindal AUTH. SIGNATORY	 SR. DEN-IV/UMB	GBE (B.B.S. TOMAR) DY. CE/BD (SUK GARG)	PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT NANGAL DAM RAILWAY STATION UNDER AMRIT BHARAT STATION SCHEME ON SIR-DLPC SECTION
DESIGN & DRAWING	 SSE/W/NLDM/RAHA	AXEN/BD	DETAIL OF RAMP FOUNDATIONS R1TF1, R1TF2 & R1F1, R1F2
 V.D. SHARMA CHARTERED CIVIL ENGINEER	SSE/DRG/UMB	 SSE/DRG.	DIVL. PLAN NO.- F&B-176/NLDM-2023/UMB/FO&MB PLANS. NRHQE PLAN No. FB-99/UMB
	DIVISIONAL OFFICERS	HQ. OFFICERS	SCALE-1:35 (SHEET No-5A)

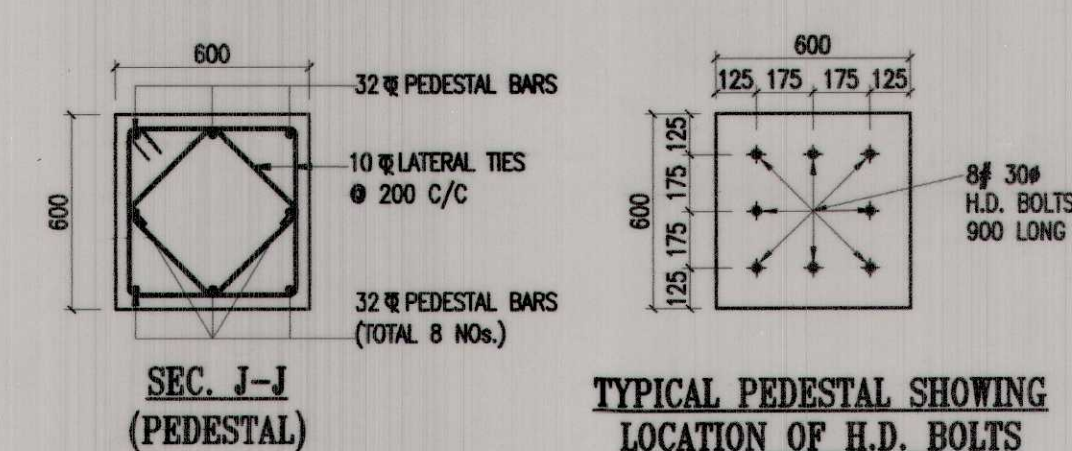
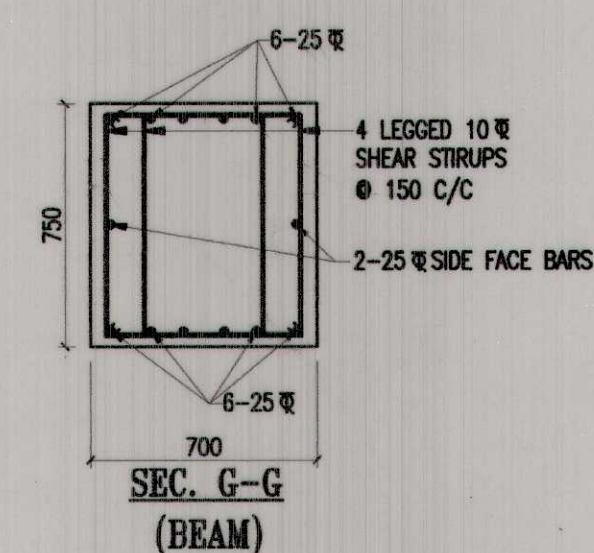


NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE, FOLLOW WRITTEN DIMENSIONS ONLY.
3. FOR OTHER NOTES REFER SHEET NO. 2.
4. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT SHEETS.



TYPICAL PEDESTAL SHOWING LOCATION OF H.D. BOLTS



TYPICAL PEDESTAL SHOWING LOCATION OF H.D. BOLTS

FOR	SEE
GENERAL ARRANGEMENT	NRHQE PLAN NO. FB-99/UMB
FOUNDATION LAYOUT PLAN	SHEET No-2
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A,3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B
DETAIL OF RAMP/STAIR FOUNDATIONS	SHEET No-6

AGENCY	DESIGN & DRAWING	DIVISIONAL OFFICERS	HQ. OFFICERS
PANKAJ JINDAL CONTRACTOR Virendra Jindal AUTH. SIGNATORY	SR. DEN-N/UMB ADEN/SIR SSE/W/ANLDM V.D. SHARMA ME (Structures), FIE SENIOR ENGINEER	SR. DEN-N/UMB ADEN/SIR SSE/DWG/UMB	SR. DEN-N/UMB ADEN/SIR SSE/DWG/UMB

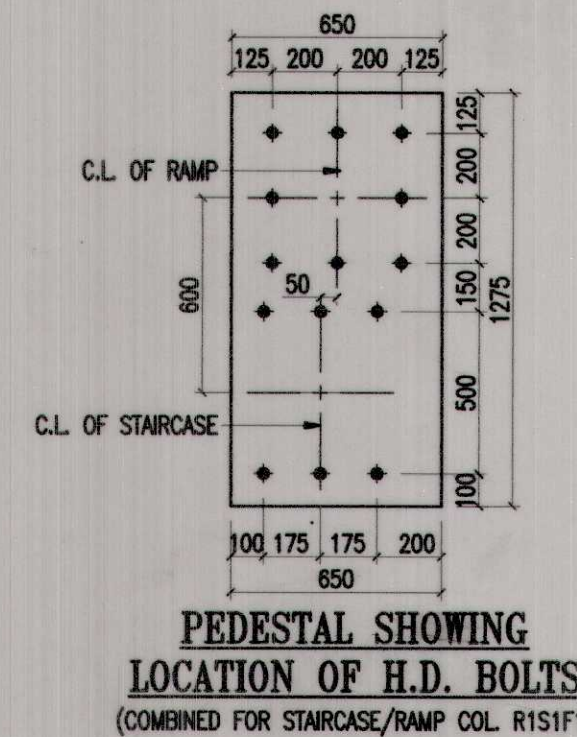
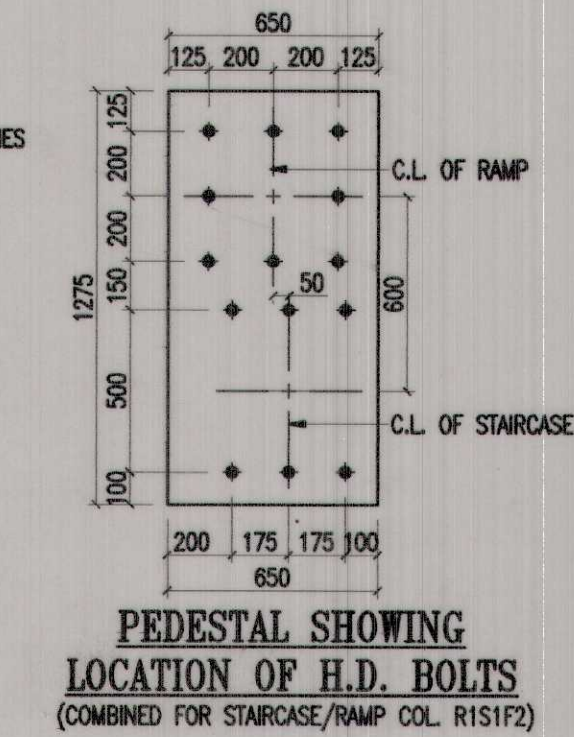
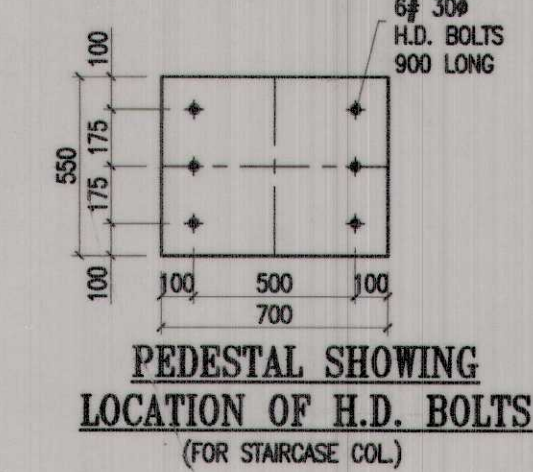
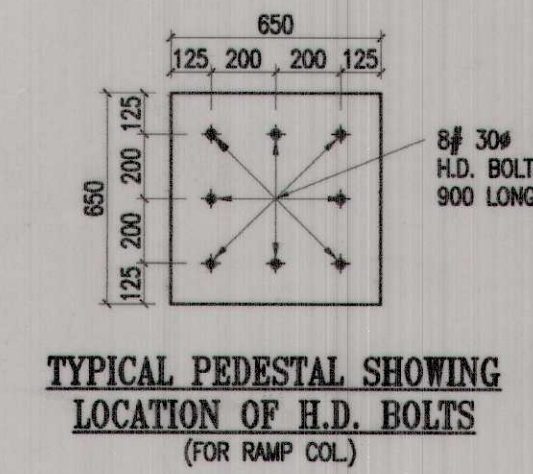
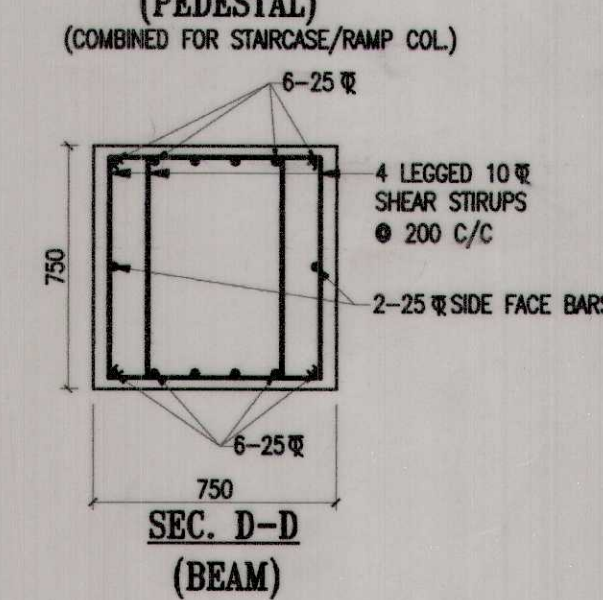
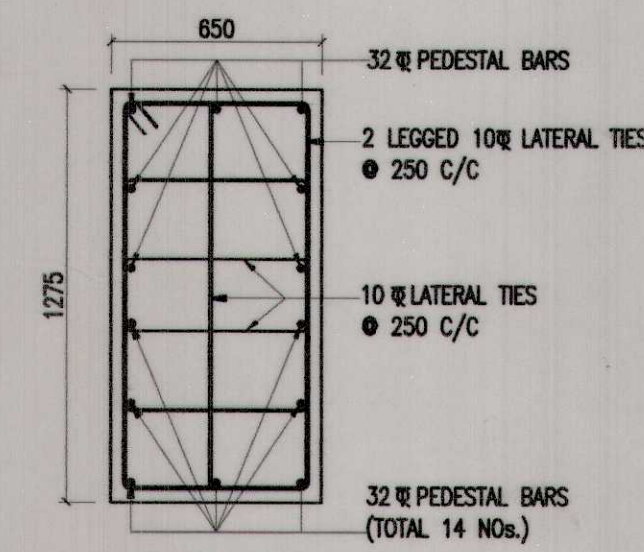
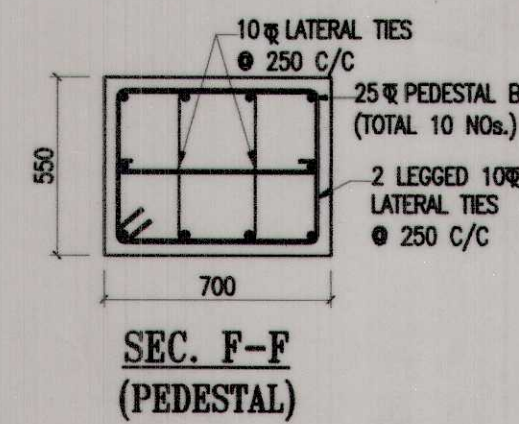
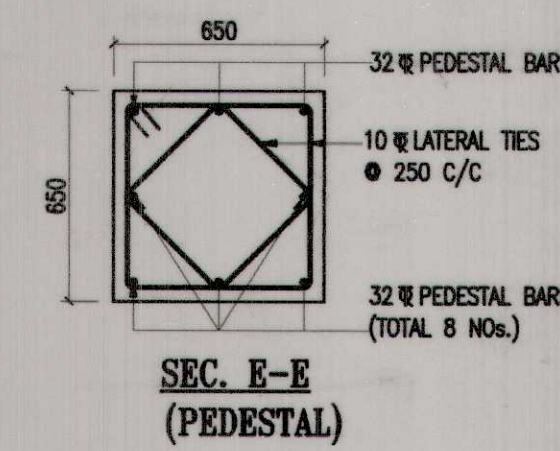
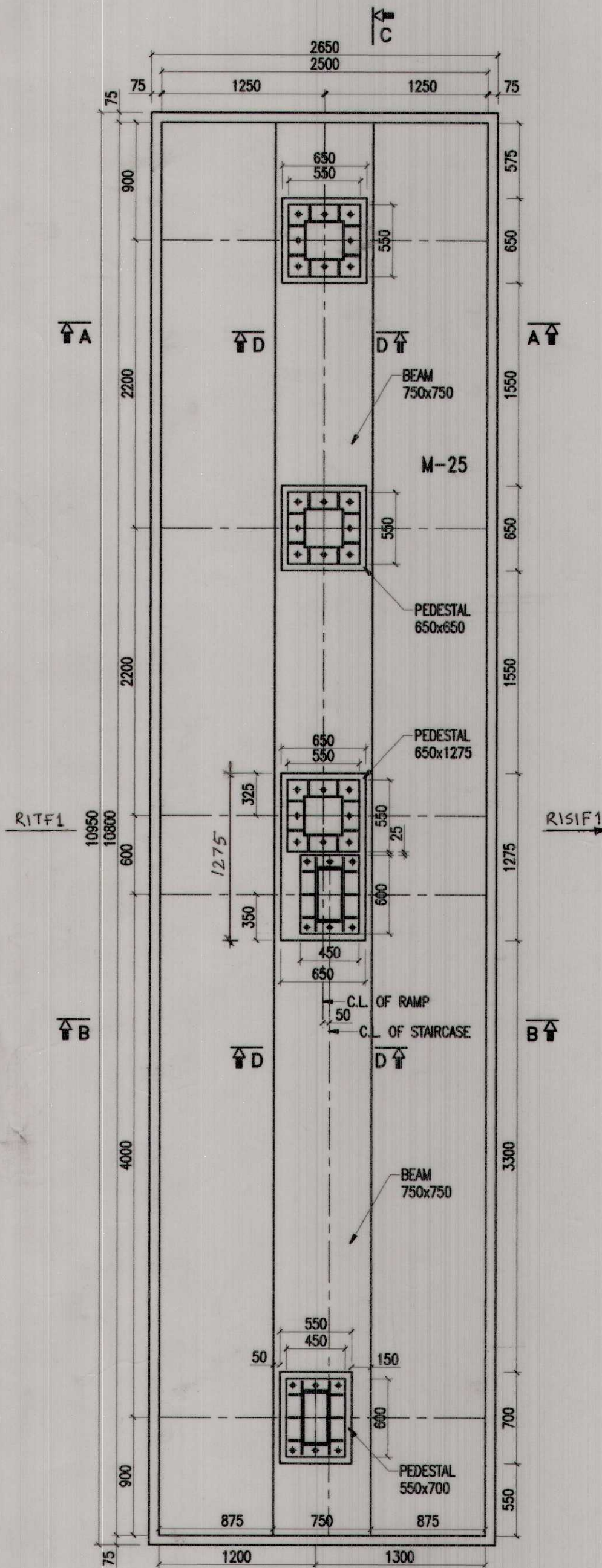
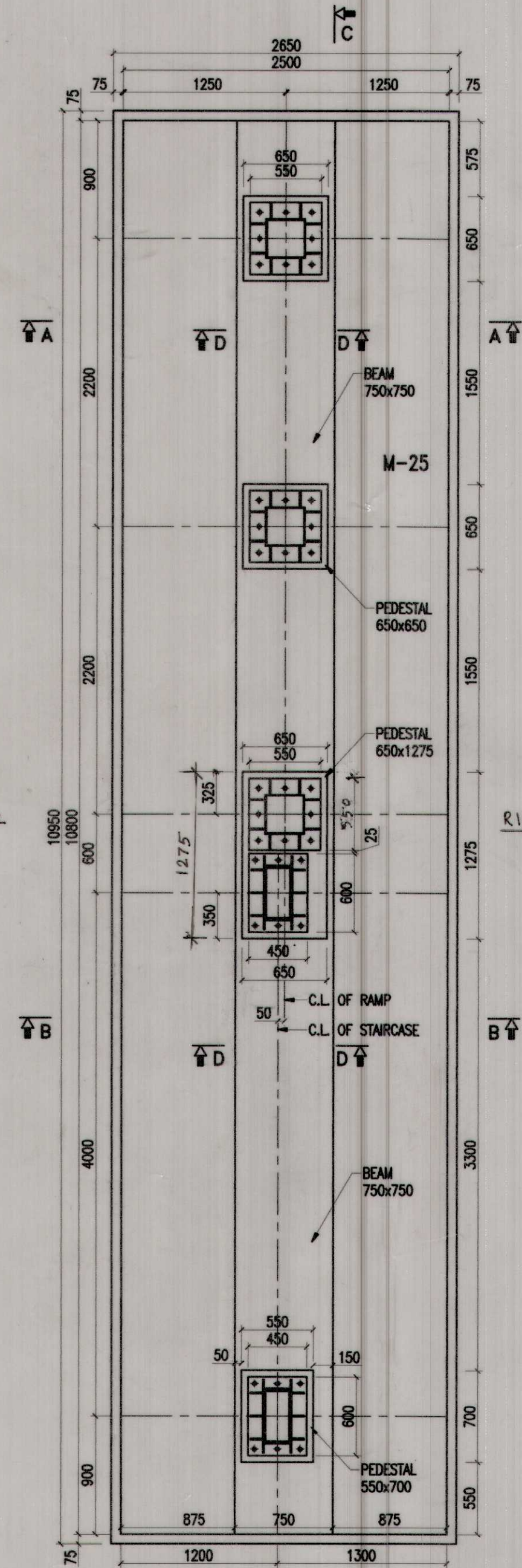
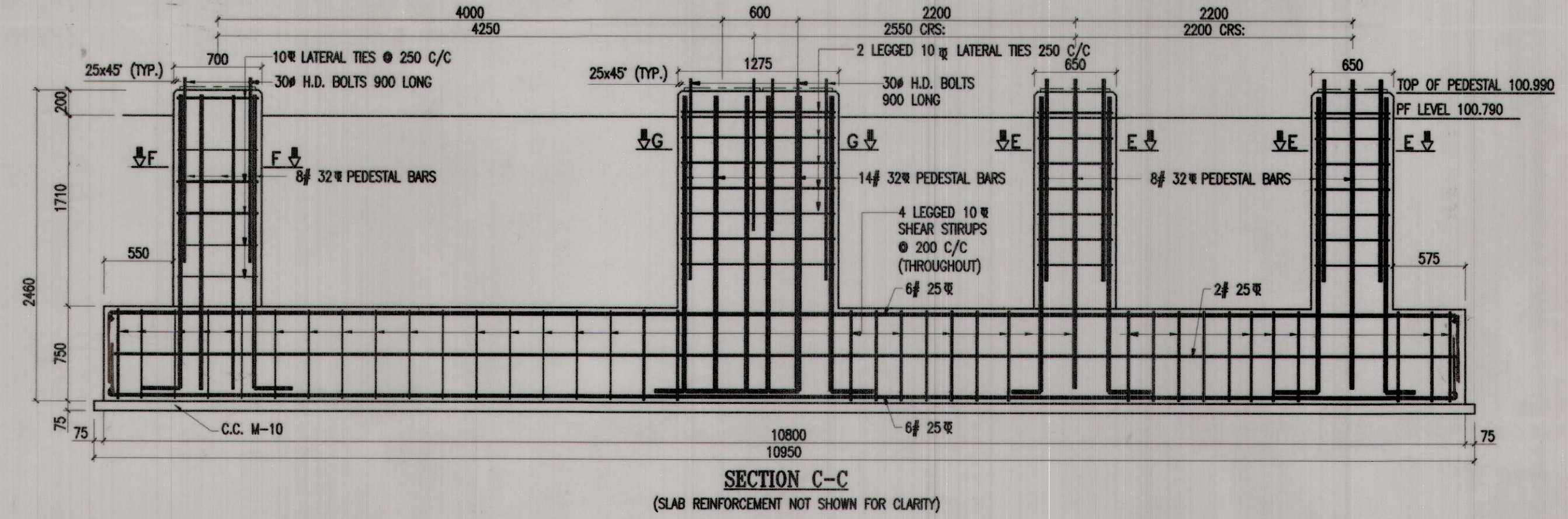
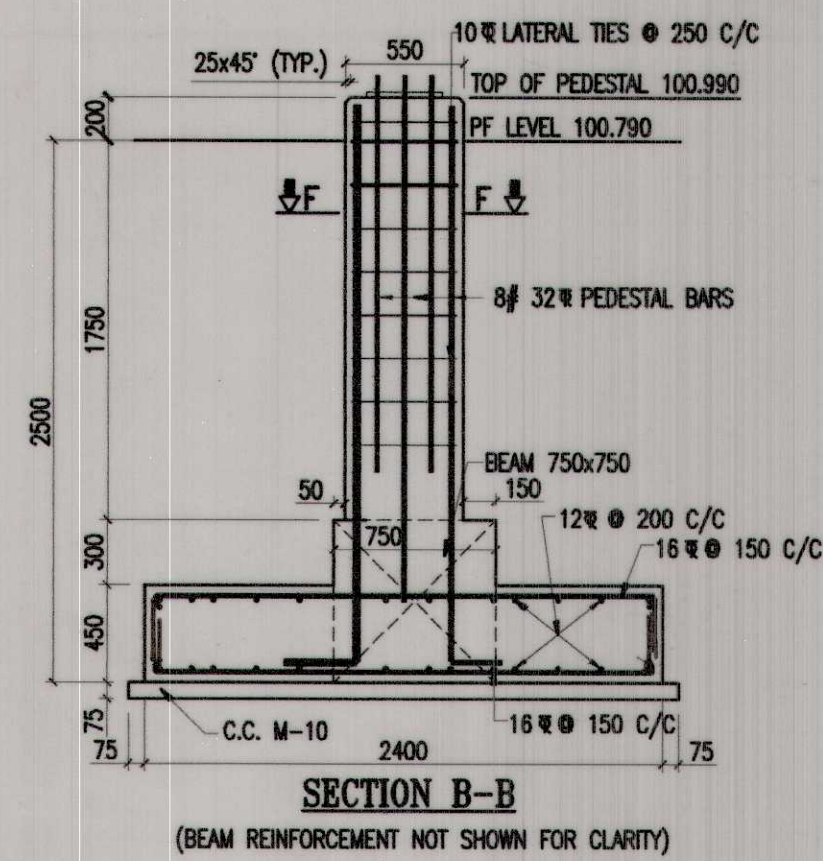
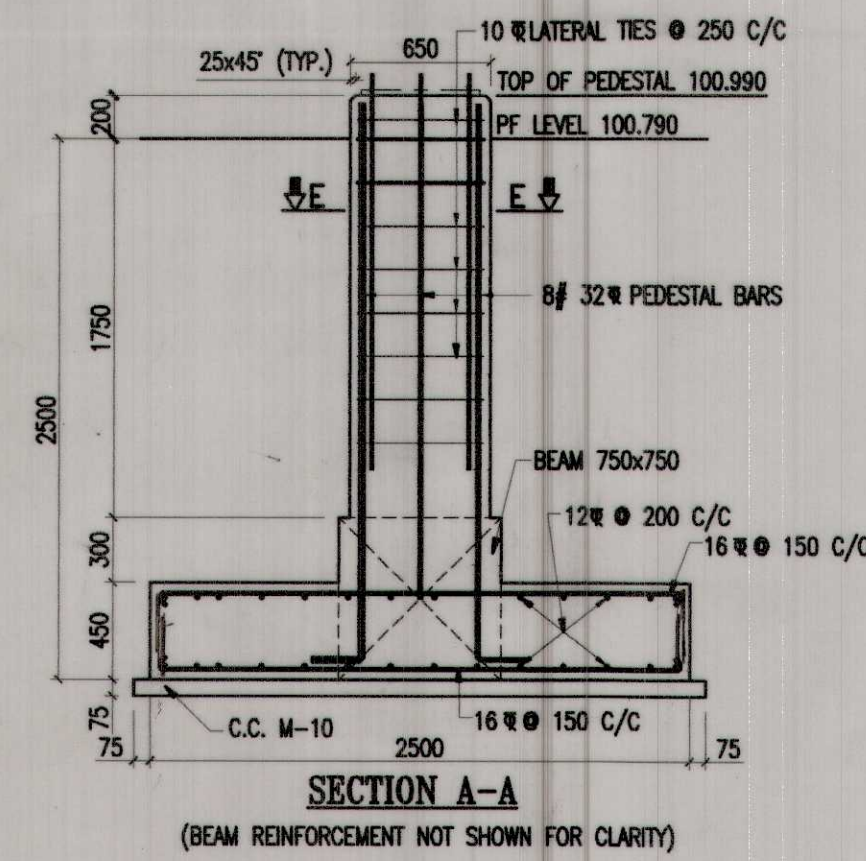
AMBALA DIVISION
PROPOSED 12.0 M WIDE FOOT OVER BRIDGE
AT NANGAL DAM RAILWAY STATION
UNDER AMRIT BHARAT STATION SCHEME
ON SIR-DLPC SECTION
DETAIL OF RAMP FOUNDATIONS
R2TF1, R2TF2 & R2F1

DIVL. PLAN NO:- F08-178/NLDM-2023/UMB/ FOUND. PLANS.

NRHQE PLAN No. **FB-99/UMB**

SCALE:-1:35 (SHEET No-5B)

S.NO.	REVISION	DATE	APPROVED



NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE, FOLLOW WRITTEN DIMENSION ONLY.
3. FOR OTHER NOTES REFER SHEET NO. 2.
4. VARY ALL THE DIMENSIONS & LEVELS BEFORE CASTING OF FOUNDATIONS. IF THERE IS ANY AMBIGUITY BROUGHT IN THE NOTICE OF ENGINEER-IN-CHARGE.
5. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT SHEETS.

FOR	SEE
GENERAL ARRANGEMENT	NRHQE PLAN NO. FB-99/UMB
FOUNDATION LAYOUT PLAN	SHEET No-2
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A,3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B
DETAIL OF RAMP/STAIR FOUNDATIONS	SHEET No-6

S.NO.	REVISION	DATE	APPROVED

AGENCY	DESIGN & DRAWING	DIVISIONAL OFFICERS	HQ. OFFICERS	SCALE:-1:35	(SHEET No-6)
AMBALA DIVISION PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT NANGAL DAM RAILWAY STATION UNDER AMRIT BHARAT STATION SCHEME ON SIR-DLPC SECTION DETAIL OF RAMP FOUNDATIONS RISIF2 & RISIF1 DIVL. PLAN NO:-FB-178/MLDM-2023/UMB/FORMD.DLHMS. NRHQE PLAN No. FB-99/UMB	SR. DEN-IV/UMB ADEN/SIR SSE/W/MLDM/UMB SSE/DRG/UMB	SR. DEN-IV/UMB ADEN/SIR SSE/W/MLDM/UMB SSE/DRG/UMB	SR. DEN-IV/UMB ADEN/SIR SSE/W/MLDM/UMB SSE/DRG/UMB	SR. DEN-IV/UMB ADEN/SIR SSE/W/MLDM/UMB SSE/DRG/UMB	SR. DEN-IV/UMB ADEN/SIR SSE/W/MLDM/UMB SSE/DRG/UMB